CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Railways, Newark, N. J., Pennsylvania R.R. Co. making plans constructing terminal, increasing tracks, extending Hudson Tube System, drawbridge, $20,000,000.

Office, New York, N. Y., Consolidated Gas Co. having plans prepared, $6,000,000.

Hotel, Vancouver, B. C., Canadian Natl. Ry. soon takes bids, $5,000,000.

Railways, British Columbia, Provincial Government plans completeing Pacific Great Eastern Railway, $5,000,000.

Club, Los Angeles, Calif., South California Athletic and Country Club having plans prepared, $3,000,000.

Pulp and paper mill, Prince George, B. C., Prince George Pulp & Paper Ltd. making plans, $3,000,000.

Apartment, Chicago, Ill., Rosenthal, Mayer & Lewis having plans perpared, $2,000,000.

Club, Los Angeles, Calif., Deauville City Club having preliminary plans prepared, $1,500,000.

Roads, Laurel, Miss., making plans $1,-250,000.

Hydro-electric power dam, Cordele, Ga., Crisp Co. election in November, $1,250,000.

Bank, theatre and office, Amarillo, Tex., F. W. Frost having preliminary plans prepared, $1,250,000.

Club, hotel and theatre, San Antonio, Tex., San Antonio Turn Verein had plans prepared and takes bids in March or April, $1,000,000.

Medical arts building, Shreveport, La., Benson Realty Co. having plans prepared, $1,000,000.

Bids Desired

Apartment, Los Angeles, Calif., Walter G. McCarty taking bids, $1,250,000.

Contracts

Theatre, hotel and store, Chicago, Ill., A. Karsas to Longacre Constr. Co., $5,-000,000.

Bank and office, Chicago, Ill., State Bank of Chicago to Lanquist Constr. Co., $3,-000,000.

Bridge, New York, N. Y., A. Goldman, comr., Plant and Structures to P. T. Cox Constr. Co., $1,190,300.

Store and office., Los Angeles, Calif., Title Insurance and Trust Co. to Scofield Engineering Co., $1,500,000.

Plant, Fostoria, O., Natl. Carbon Co., Inc. to Stone and Webster, $1,000,000.

Classified Index of Bids Wanted

Waterworks

Bids close — *See Eng. News-Record*

Oct. 15 Avon Lake, O. ..... Oct. 7
Oct. 18 Elmwood Park (mail Chicago), Ill. ..... Oct. 14
Adv. Oct. 14.
Oct. 18 Broadview (mail Bellwood), Ill. ..... Oct. 14
Oct. 19 Brooklyn, N. Y. ..... Oct. 14
Oct. 20 Baltimore, Md. ..... Oct. 14
Oct. 20 Memphis, Tenn. ..... Sept. 16
Oct. 20 Detroit, Mich. ..... Sept. 16
Oct. 20 Laurel, Md. ..... Oct. 14
Adv. Oct. 14.
Oct. 21 Greenwich, Conn. ..... Oct. 14
Adv. Oct. 14.
Oct. 21 Stamford, Neb. ..... Oct. 14
Oct. 25 Seminole, Okla. ..... Oct. 14
Oct. 26 St. Louis, Mo. ..... Sept. 16
Oct. 26 Saginaw, Mich. ..... Sept. 23
Oct. 29 Ft. Worth, Tex. ..... Oct. 7
Adv. Oct. 7 and 14.
Nov. 1 Denver, Colo. ..... Sept. 30
Nov. 1 Melrose, N. M. ..... Oct. 7
Nov. 1 Amarillo, Tex. ..... Oct. 7
Nov. 2 Louisville, Ky. ..... Oct. 14

Sewers

Oct. 15 Chester, Pa. ..... Oct. 7
Oct. 15 New York, N. Y. ..... Oct. 7
Oct. 15 Boston, Mass. ..... Oct. 7
Oct. 15 Cameron, Mo. ..... Sept. 30
Oct. 15 Trenton, N. J. ..... Oct. 14
Oct. 18 Long Island City, N. Y. ..... Oct. 14
Oct. 18 Elmwood Park (mail Chicago), Ill. ..... Oct. 14
Adv. Oct. 14.
Oct. 18 Chappell, Neb. ..... Oct. 7
Oct. 18 Grinnell, Ia. ..... Oct. 7
Oct. 18 Long Island City, N. Y. ..... Oct. 14
Oct. 18 Broadview (mail Bellwood), Ill. ..... Oct. 14
Oct. 18 Boston, Mass. ..... Oct. 14
Oct. 19 Rutherford, N. J. ..... Oct. 14
Adv. Oct. 14.
Oct. 19 Christchurch, New Zealand. Sept. 30
Oct. 20 Cleveland, O. ..... Oct. 14
Oct. 20 Boston, Mass. ..... Oct. 14
Oct. 20 Brooklyn, N. Y. ..... Oct. 14
Oct. 21 Tessville (mail Morton Grove), Ill. ..... Oct. 14
Oct. 22 East White Plains, N. Y. ..... Oct. 7
Adv. Sept. 30 to Oct. 14.
Oct. 22 Long Island City, N. Y. ..... Oct. 14
Oct. 25 Jackson, Mich. ..... Oct. 14
Adv. Oct. 14.
Oct. 25 Elkins Park, Pa. ..... Oct. 14
Adv. Oct. 14.
Oct. 25 Storm Lake, Ia. ..... Oct. 14
Oct. 27 Decatur, Ill. ..... Sept. 23
Nov. 2 Toronto, Ont. ..... Oct. 7
Nov. 10 Birmingham, Ala. ..... Oct. 7
Nov. 10 Thomasville, N. C. ..... Oct. 14

Waste Disposal

Bids close — *See Eng. News-Record*

Oct. 26 Birmingham, Ala. ..... Oct. 14
Adv. Oct. 7 and 14.

Bridges

Oct. 15 Salem, N. J. ..... Sept. 23
Oct. 18 Dayton, O. ..... Sept. 23
Oct. 19 North Carolina ..... Sept. 23
Oct. 19 North Carolina ..... Sept. 30
Oct. 19 Hamilton, O. ..... Sept. 30
Oct. 19 Boyce, La. ..... Oct. 7
Oct. 19 Dennis, Mass. ..... Oct. 14
Oct. 20 Pennsylvania ..... Oct. 14
Oct. 28 North Tarrytown (Br. Tarrytown), N. Y. ..... Oct. 14
Adv. Oct. 14.
Nov. 1 Newark, N. J. ..... Oct. 14
Adv. Oct. 14.
Dec. 1 Copenhagen, Denmark .... July 15

Excavation, Drainage, Irrigation, Levees, River and Harbor

Oct. 14 Boston, Mass. ..... Oct. 14
Oct. 18 Duluth, Minn. ..... Oct. 7
Oct. 19 New Rochelle, N. Y. ..... Oct. 14
Adv. Oct. 7 and 14.
Oct. 19 Fayetteville, N. C. ..... Oct. 14
Oct. 25 Port Allen, La. ..... Oct. 14
Oct. 27 Illinois ..... Oct. 7
Adv. Oct. 7 and 14.
Nov. 1 Alexandria, Egypt ..... Oct. 7
Nov. 1 Wichita, Kan. ..... Oct. 14
Adv. Oct. 14.

Streets and Roads

Oct. 15 Pennsylvania ..... Sept. 30
Oct. 15 New York, N. Y. ..... Oct. 7
Oct. 15 Boston, Mass. ..... Oct. 14
Oct. 16 Valparaiso, Ind. ..... Oct. 14
Oct. 18 Bunnell, Fla. ..... Oct. 14
Oct. 18 White Plains, N. Y. ..... Oct. 14
Adv. Oct. 7 and 14.
Oct. 18 Euclid, O. ..... Oct. 14
Oct. 18 Council Bluffs, Ia. ..... Oct. 14
Oct. 19 Toledo, Ia. ..... Oct. 14
Oct. 19 Ft. Scott, Kan. ..... Sept. 23
Oct. 19 Marengo, Ill. ..... Oct. 14
Oct. 19 North Carolina ..... Sept. 30
Adv. Oct. 7 and 14.
Oct. 19 Joplin, Mo. ..... Oct. 7
Oct. 19 Cold Springs, Tex. ..... Oct. 7
Oct. 19 Baton Rouge, La. ..... Oct. 7
Oct. 19 Chicago, Ill. ..... Oct. 14
Oct. 20 Woodbury, N. J. ..... Oct. 7
Oct. 20 Michigan ..... Oct. 14
Oct. 20 Sedan, Kan. ..... Oct. 14
Oct. 20 Baird, Tex. ..... Oct. 14
Oct. 20 Pittsburgh, Pa. ..... Oct. 14
Oct. 20 Brooklyn, N. Y. ..... Oct. 14
Oct. 21 Anthony, Kan. ..... Oct. 7
Oct. 21 Cincinnati, O. ..... Oct. 14
Oct. 22 Tennessee ..... Oct. 7
Adv. Oct. 14.
Oct. 22 Cincinnati, O. ..... Oct. 14
Oct. 22 New York, N. Y. ..... Oct. 14
Oct. 22 St. George, N. Y. ..... Oct. 14
Oct. 25 Beaufort, N. C. ..... Oct. 14
Oct. 25 New Jersey ..... Oct. 7
Adv. Oct. 7 and 14.
Oct. 26 South Dakota ..... Oct. 14
Oct. 28 Anderson, Tex. ..... Oct. 14
Oct. 29 New York ..... Oct. 14
Adv. Oct. 14.
Oct. 30 Birmingham, Ala. ..... Sept. 30
Nov. 2 Jetmore, Kan. ..... Oct. 14

Buildings—Commercial

Oct. 15 Chicago, Ill. ..... Oct. 7
Oct. 15 Canton, O. ..... Oct. 14
Oct. 17 Joplin, Mo. ..... Oct. 7
Oct. 19 Indianapolis, Ind. ..... Aug. 26
Oct. 20 Pittsburgh, Pa. ..... Sept. 30
Oct. 20 Detroit, Mich. ..... Oct. 14
Oct. 21 Lafayette, La. ..... Sept. 23
Oct. 21 Madison, Wis. ..... Oct. 14
Oct. 26 Columbus, O. ..... Oct. 14
Oct. 26 Victoria, B. C. ..... Oct. 14
Oct. 29 Denver, Colo ..... Sept. 30
Nov. 1 Sioux City, Ia. ..... Oct. 7
Nov. 4 Atlantic City, N. J. ..... Oct. 7
Adv. Oct. 7 and 14.
Nov. 5 Canton, O. ..... Oct. 7
Nov. 15 Duluth, Minn. ..... July 15
Jan. 1 Wash., D. C. ..... Oct. 7

Buildings—Industrial

Oct. 18 Baltimore, Md. ..... Oct. 7
Jan. 1 Salem, O. ..... Sept. 30

Buildings—Educational, Religious

Oct. 16 Chicago, Ill. ..... Oct. 7
Oct. 18 Rocky River, O. ..... Oct. 7
Oct. 18 Red Lion, Pa. ..... Oct. 7
Oct. 19 Newell, W. Va. ..... Sept. 23
Oct. 19 Des Moines, Ia. ..... Oct. 7
Oct. 19 Indianapolis, Ind. ..... Oct. 14
Oct. 20 Los Angeles, Calif. ..... Oct. 14
Oct. 20 Paola, Kan. ..... Sept. 30
Oct. 21 Buffalo, N. Y. ..... Oct. 7
Oct. 21 Gainesville, Fla. ..... Oct. 14
Oct. 23 Norwichtown (Ind. br. Norwich), Conn. ..... Oct. 14
Oct. 25 Stamford, Conn. ..... Sept. 23
Oct. 25 Richmond, Calif. ..... Sept. 30
Oct. 25 Cincinnati, O. ..... Oct. 7
Oct. 25 Wash., D. C. ..... Oct. 7
Oct. 26 Racine, Wis. ..... Oct. 7
Oct. 26 Racine, Wis. ..... Oct. 14
Oct. 28 Fresno, Calif. ..... Oct. 7
Oct. 28 Newark, N. J. ..... Oct. 7
Nov. 15 Jacksonville, Fla. ..... Oct. 7

See proposal advertising on page 140

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TRADE "LEADITE" MARK

Registered U. S. Pat. Office

Laying 14 miles of 18-in. c. i. bell and spigot water mains with LEADITE joints.

30 Years = Confidence

Water works men use LEADITE because they have known it for years.

They know it has been successfully tested and used for over 30 years on thousands of miles of c. i. bell and spigot water mains.

This gives them confidence in LEADITE as a jointing material.

The proven durability of LEADITE is important to them, as their pipe lines are laid under ground and are, in most cases, permanent installations.

LEADITE is a great asset to the water works field in pipe line construction, and this fact is recognized by the best water works talent in the country.

There is nothing to equal LEADITE in its many advantages.

LEADITE is used on all sizes of pipe from 4 in. to 60 in. in diameter; used under all pressures; takes the drudgery out of pipe laying; saves time, money and labor; expedites completion of the work; used by hundreds of water works all over the country.

LEADITE is a proven success, and the demand for LEADITE is the most convincing evidence of its established merit.

Give LEADITE a fair trial, and you will unquestionably become a LEADITE user.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.

1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
Jan. 1	Wash., D. C.	Oct. 7
Feb. 1	Wash., D. C.	Oct. 7
Nov. 4	Union, N. J.	Oct. 14

Federal Government Work

Bids close		See Eng. News-Record
Oct. 15	Wharf—Marcus Hook, Pa.	Sept. 30
Oct. 15	Powdered Arsenate of Lead — Wash., D. C.	Oct. 14
Oct. 15	Steel Channels, Sewer Pipe, etc.—Wash., D. C.	Oct. 14
Oct. 16	Dredging — Port Chester, N. Y.	Sept. 16
Oct. 18	Dredging—Baltimore, Md. Adv. Oct. 7 and 14.	Sept. 16
Oct. 18	Remodeling—Janesville, Wis.	Sept. 30
Oct. 18	Refrigerating Plant—Boise, Idaho.	Sept. 30
Oct. 19	Water Softening Plant—Hot Springs, S. D.	Sept. 30
Oct. 20	Roads—Colorado	Oct. 14
Oct. 22	Remodeling—New Orleans.	Oct. 14
Oct. 25	Wharf, etc.—Cape Fear (mail Lillington). N. C.	Oct. 14
Oct. 26	Waterproofing—Sheridan, Wyo.	Sept. 30
Oct. 26	Sand Fill—Gulfport, Miss.	Oct. 7
Oct. 29	Dredging—Newark, N. J. Adv. Sept. 30 to Oct. 14.	Sept. 30
Nov. 1	Survey Boat—Memphis, Tenn. Adv. Sept. 30 to Oct. 14.	Sept. 30
Nov. 2	Pumping Plant, etc.—Bangor, Me. Adv. Oct. 14.	Oct. 14
Nov. 5	Derrick Boat—Wash., D. C. Adv. Oct. 7 and 14.	Oct. 7
Nov. 9	Attendants Quarters, etc. — Northampton, Mass. Adv. Oct. 7 and 14.	Oct. 14
Nov. 10	Dam—San Carlos, Ariz. Adv. Sept. 30 to Oct. 14.	Oct. 7

Unclassified

Bids close		See Eng. News-Record
Oct. 15	Subway—New York, N. Y.	Sept. 9
Oct. 15	Stone Crushing Plant—Caldwell, N. J.	Sept. 30
Oct. 18	Entrance, etc.—New York City, N. Y.	Oct. 7
Oct. 19	Stadium—Wheeling, W. Va.	Sept. 30
Oct. 19	Culverts—Greenfield, Ia.	Oct. 14
Oct. 21	Lighting System—Wash., D. C.	Oct. 7
Oct. 27	Generator—Utica, N. Y.	Sept. 30
Oct. 27	Pier—Oceanside, Calif.	Oct. 7
Oct. 27	Sanitary Work—Central Islip, N. Y.	Oct. 7
Oct. 27	Heating, etc.—Middletown, N. Y.	Oct. 7
Oct. 28	Transit Sheds—West Palm Beach, Fla.	Sept. 30
Nov. 1	Buildings, etc.—New Zealand	July 1
Nov. 1	Foundation—Sioux City, Ia.	Sept. 30
Dec. 1	Aviary—Wash., D. C.	Oct. 7

Materials

Bids close		See Eng. News-Record
Oct. 19	Ties—Montreal, Que.	Oct. 7
Oct. 19	Cement, etc.—New York, N. Y.	Oct. 14
Oct. 20	Cement, etc.—St. George, N. Y.	Oct. 14
Oct. 21	Concrete—St. George, N. Y.	Oct. 14
Nov. 3	Cable—Melbourne, Australia	Sept. 16

News of New Work

Waterworks

Proposed Work

O., Crooksville — Made plans complete waterworks, incl. several drilled wells and pumping station with large tank. $96,000 bond election in November, for same.

Ia., Cedar Rapids — Plans new water plant. $400,000. F. S. Alden, 1540 Washington Ave., engr.

Ia., Missouri Valley — Election Oct. 20, $40,000 bonds, water treating plant. F. J. Hardy, city clk.

Minn., Truman—Plans waterworks. $20,000. E. G. Breuning, village clk. Engineer not announced.

Kan., Alta Vista—Making plans waterworks. $40,000. Haskins & Crawford, 824 Finance Bldg., Kansas City, Mo., engrs.

Neb., Minatare—Voted $22,000 bonds, extending waterworks.

Mo., St. Joseph — Pub. Serv. Comn., making plans viaduct and approaches over Chicago Great Western R.R. tracks near South Park. $89,500. W. G. Fowler, St. Joseph, bridge engr.

Tex., Clyde—Voted $60,000 bonds, complete waterworks and sewerage systems. Municipal Eng. Co., Praetorian Bldg., Dallas, engrs.

Tex., Lisbon—Voted $65,000 bonds, complete waterworks. Dalton & Parker, 319 Wilson Bldg., Dallas, engrs. Noted Sept. 16.

Tex., San Saba — Making preliminary plans sewers and disposal plant. $75,000 bond election soon for same. Sanitary Eng. Co., P. O. Box 1512, Houston, consult. and superv. engrs.

Okla., Eddy—Making plans new waterworks, incl. 5,240 ft. 2 and 4 in. c.i. pipe, deep well, 40,000 gal. capacity steel tank on 80 ft. tower, etc. $17,000. G. Wester, mayor. Engineer not selected.

Okla., Rocky — Plans new waterworks. $24,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Wash., Dayton—Plans improving waterworks, incl. complete 12 in. steel pipe line. $60,000.

Calif., Inglewood — City, O. H. Duelke, clk. plans to purchase 5,000 ft. 4 in. Class "B" Bell and Spigot c.i. pipe.

B. C., Vancouver—Greater Vancouver Water Bd., takes bids about Oct. 12, 4 units 30 in. steel pipe mains in various streets. $222,000. E. A. Cleveland, 500 Beatty St., engr.

Bids Desired

N. Y., Brooklyn—Oct. 19, by N. J. Hayes, comr. Water Supply Gas & Electricity, Municipal Bldg., New York City, mains and appurtenances in Delamere Pl., Rockaway Parkway, Glenwood Rd., Gravesend Ave., Avenues O and T., Hemlock, Ryder, 80th, West 8th and West 11th Sts.

Md., Baltimore—Oct. 20, by Bd. Awards at office City Register, City Hall, 250,000 lb. pig lead to Bureau Water Supply. V. B. Siems, water engr. B. L. Crozier, ch. engr.

Md., Laurel—Oct. 20, at office Mayor and City Council, 200,000 gal. steel water tank, Contr. 1-W. V. D. Cookey, Hyattsville, consult. engr.; adv. E. N.-R. Oct. 14.

Ky., Louisville—Nov. 2, by Alvord, Burdick & Howson, consult. engrs., 6 South Dearborn St., Chicago, Ill., rein.-con. building housing 40 m.g. capacity rapid sand filters, rein.-con. conduit, piping from coagulating basin to reservoir, etc., here, for Louisville Water Co., 435 South 3rd St. $950,000. J. Chambers, c/o owner, ch. engr. Noted Sept. 23.

Ky., Murray—Kentucky-Tennessee Light & Power Co., in market 100,000 gal. steel tank on 120 ft. tower. H. C. Doran, supt.

O., Maple Heights (Bedford P. O.)—See "Sewers."

Ill., Broadview (mail Bellwood)—Oct. 18, by Bd. Local Impvts., c.i. mains, valves, hydrants, etc. in various streets. $70,000. J. Grant, secy.

Ill., Elmwood Park (mail Chicago) — Oct. 18, by Bd. Local Impvts., Village Hall, 2512 North 73rd Ave., c.i. mains, gate valves, etc.; adv. E. N.-R. Oct. 14.

Neb., Stamford—Oct. 21, by R. E. Weare, village clk., one 40,000 or 50,000 gal. tank on 100 ft. balcony tower, f.o.b. Stamford; 9,744 ft. 4- to 8-in. Class B, McWane open bell, De Lavaud Class 150 or American Class 150 Mono-c.i. pipe; 5,480 ft. 2 in. full weight galvanized, McWane precalked joint or Simplex c.i. pipe; 12 in. tubular well approximately 50 ft. deep, etc. Henningson Eng. Co., Natl. Bldg.

Okla., Seminole—Oct. 25, by E. Magruder, city clk., extending 17,480 ft. 4- to 6-in. c.i. mains in various streets, incl. 250,000 gal. concrete reservoir, deep well pump, etc. $65,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Sept. 16.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Bids Received

Ill., Chicago—Dept. Pub. Wks., Room 406, City Hall, 448 tons 16 in. c.i. pipe at 119th St. from Peoria St. to Chicago, Rock Island & Pacific Ry. tracks between Hale Ave. and Vincennes Rd., from Natl. Cast Iron Pipe Co., Tarrant City, Birmingham, Ala., at $48 per ton. Noted Sept. 30.

Contracts Awarded

Tenn., Hohenwald—City, c/o J. Fite, city clk., distribution system, and elevated tank, to Pittsburg-Des Moines Steel Co., Tuttle and Southwest 10th Sts., Des Moines, Ia., $50,595. Noted July 22.

O., Cleveland—Cuyahoga Co., 7,600 ft. 12 in. c.i. mains in Clague and Detroit Aves., Impvt. 1250, to Sprague & Burkhardt, 11811 Browning Ave., $37,920. Noted Oct. 7.

Mich., Detroit—Dept. Water Supply, 176 East Jefferson Ave., Filtered Water Reservoir 2, to Whitney Bros. Co., Superior, Wis., $593,583; also furnishing 92,500 lin.ft. 8 in. DeLavaud pipe, to U. S. Cast Iron Pipe & Fdry. Co., Pearl St., Burlington, N. J., at $1 per ft., total $92,500.

Minn., Ely—See "Sewers."

Tex., Baird — Mains, laterals, concrete storage reservoir and pumping equipment, to Barker & Davis, 508 North Texas St., Dallas, $65,400.

Ont., Toronto—For two 20 in. gate valves to Drummond McCall & Co., 373 Front St. E., at $499.75 each; one 24 in. gate valve to Bowden Machine Co., 163 Sterling Rd., $535; one 14 in. hydraulically operated gate valve to F. Hawkin & Co., 386 King St. W., $448; excavating, laying and jointing mains on Queens Quay, to Ruscica Bros., 84 Woodycrest Ave., $2,091; and laying 8 in. high pressure fire main in Chestnut and Victoria St. district, to W. E. Taylor, 22 Falcon St., $25,765.

Sewers

Proposed Work

Mass., West Roxbury (Boston P. O.) — Dept. Pub. Wks., Boston, J. H. Sullivan, comr., plans sewerage in West Roxbury Parkway, etc., here. $25,000.

La., Bossier City — See "Streets and Roads."

Ill., Chicago — Bd. Local Impvts. soon takes bids 2 mi. 7½ x 9 ft. to 2 ft. diam. concrete sewers in Cicero Ave. $740,000, and 2 mi. 7 x 6 ft. diam. brick sewers in 74th St. Relief Sewer Dist. $740,000; also takes bids in spring 5 mi. 12 x 9 ft. horseshoe of concrete down to 5 ft. brick circular sewer in Monroe St., $1,740,000. H. E. Hudson, Room 207 City Hall, engr. Noted Sept. 10, 1925, and Apr. 8.

Ill., Staunton—Soon takes bids several miles 8- to 15-in. vitr.-clay sewers, etc. in various streets. $200,000. W. A. Fuller Co., 1917 Railway Exch. Bldg., St. Louis, Mo., engrs.

Minn., Truman—Plans sanitary sewerage system. $25,000. E. G. Breuning, village clk. Engineer not announced.

N. D., Williston—Plans election, $40,000 bonds, storm sewers in various streets. W. H. Robinson, city engr.

Mo., Kansas City — Making plans and soon takes bids sewers in Dist. 543. $65,000. R. W. Waddell, city engr.

Tex., Clyde—See "Waterworks."

Tex., Raymondville — Voted $50,000 bonds, sewer improvements and disposal plant. J. E. Johnson, city engr.

Tex., San Saba — Making preliminary plans waterworks improvements. $75,000 bond election soon for same Sanitary Eng. Co., P. O. Box 1512, Houston, consult. and superv. engrs.

Tex., Temple—Making preliminary plans 2 mi. probably 10 in. sewers in various streets. $35,000. Address Mayor.

Constr. News page 248

--answering your Questions regarding High Early Strength Concrete

(Made with *standard* Universal cement)

Question	Answer
1. What is High Early Strength *Universal* Concrete?	Concrete with a *3-day* strength equal to the *28-day* strength of ordinary concrete. It is made by applying thoroly tested methods and standard (not special) *Universal* cement.
2. What is its chief advantage?	Saves time! Road and street tie-ups shortened or eliminated; foundations, buildings, sidewalks and concrete improvements of all kinds are made ready for use in *3 days* instead of *3 weeks*.
3. What additional advantage is there?	Increases strength! Concrete so made is not only as strong in 3 days as ordinary concrete is in 28 days, but is much better and much stronger concrete forever after than concrete as ordinarily produced.
4. Is its use restricted to certain kinds of jobs?	High Early Strength *Universal* Concrete may be used on *any* concrete job.
5. Has High Early Strength *Universal* Concrete been fully tested?	Thousands of laboratory tests, years of experiment and hundreds of actual jobs prove the value of High Early Strength *Universal* Concrete.
6. Is a special grade of *Universal* cement required for High Early Strength *Universal* Concrete?	Standard *Universal* cement is used—identically the same quality *Universal* cement and at the same price as used in ordinary *28-day concrete*.
7. Where can I get detailed information on High Early Strength *Universal* Concrete?	The coupon below will bring full details promptly.

UNIVERSAL PORTLAND CEMENT CO.
210 South La Salle Street, Chicago.

Without obligation please send me detailed information on methods for securing strong concrete in 3 days with standard Universal cement (not special) cement, that is, with the same quality Universal cement and at the same price as regularly used for any concrete work.

Name .....

Address .....

E.N.-R. 10-14-26

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Sewers (Continued)

Calif., Los Angeles—Bd. Pub. Wks. takes bids about Nov. 27, 8 in. vitr. sewer, etc. in Canyon Dr. and Mesa St. To exceed $25,000. W. T. Knowlton, Brunswig Bldg., engr.

Calif., Los Angeles—Bd. Pub. Wks. withdrew contract by request of bidder, Sect. 3, Arroyo De La Sacatella, Storm Drain. Noted Sept. 2.

Calif., San Barnardino — Election soon $300,000-$400,000 bonds, sewers in various streets. Burns & McDonnell Eng. Co., 400 Interstate Bldg., Kansas City, Mo., engr.

Ont., Hamilton—Plans completing Wentworth St. Sewer, $300,000; and constructing Gage Ave. storm overflow system, $750,000. W. L. McFaul, City Hall, engr. Noted Aug. 27 and Sept. 23.

Ont., Toronto—Plans 6,000 ft. 8 in. and up vitr. tile sewerage system in new subdivision at St. Andrews College. R. C. Harris, City Hall, engr.

Bids Desired

Mass., Boston — Oct. 15, by Dept. Pub. Wks., sheet asphalt or bitulithic paving various streets in Wards 12, 16, 17 and 22. $25,000. J. H. Sullivan, comr.

Conn., Greenwich — Oct. 21, by Sewer Comn., Town Building, sewers in Shore Rd., Sound Beach and West End Aves., for Sewer Dist. 1, Sound Beach Sect. S. E. Minor Co., Smith Bldg., constr. engrs.; adv. E. N.-R. Oct. 14.

N. Y., Brooklyn—Oct. 20, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewers in Ocean Parkway, Ten Eyck, East 4th, 50th, 72nd, 89th and 91st Sts.

N. Y., Long Island City—Oct. 18, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers and appurtenances in 132nd St. and Brinkeroff Ave., etc.

N. Y., Long Island City—Oct. 18, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers and appurtenances in Hayes and DeKalb Aves., 40th, Butler and Curtiss Sts.

N. Y. Long Island City—Oct. 22, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewer and appurtenances in 108th (51st), etc.

N. J., Rutherford — Oct. 19, by Boro. Council, storm sewers in Wood St., Highland Cross, Hackett Pl., and 4 avenues. H. E. Allen, boro. engr.; adv. E. N.-R. Oct. 14.

N. J., Trenton—Oct. 15, by City Comn., drain in Hankinson Alley and Stockton St. $30,000. A. C. Gregory, City Hall, engr.

Pa., Elkins Park—Oct. 25, by Bd. Comrs. Cheltenham Twp. at office, here, constructing 33 in. main outfall sewer along Tacony Creek connecting with Philadelphia City Sewer. Albright & Mebus, 37 South Easton Rd., Glenside, engrs.; adv. E. N.-R. Oct. 14.

N. C., Thomasville—Nov. 10, by City, 2 sewage disposal plants near existing south and north side plants. W. C. Olsen, Inc., Masonic Temple Bldg., Raleigh, consult. engrs.

O., Cleveland—Oct. 20, by Bd. Comrs. Cuyahoga Co., 14,000 ft. 24- to 48-in. concrete, vitr. clay or segmental block sewers in Bway. Rd., Impvt. 900. $250,000. F. Williams, Court House, engr.

Mich., Jackson—Oct. 25, by City Clerk, constructing Eggleston Trunk Sewer. G. D. Kennedy, city engr.; adv. E. N.-R. Oct. 14.

Ill., Broadview (mail Bellwood)—Oct. 18, by Bd. Local Impvts., sewers in various streets. $160,000. J. Grant, secy.

Ill., Elmwood Park (mail Chicago)—Oct. 18, by Bd. Local Impvts., Village Hall, 2512 North 73rd Ave., vitr. tile sewerage system; adv. E. N.-R. Oct. 14.

Ill., Tessville (mail Morton Grove)—Oct. 21, by Village, 24,127 ft. 24- to 84-in. precast sewers in various streets, incl. 61 concrete catch basins, 68 concrete block manholes, 4,250 cu.yd. sand block, etc. $555,409. Barker, Flavin, Sheets & Wallace, 160 North La Salle St., Chicago, engrs. Noted Oct. 7.

Ia., Storm Lake—Oct. 25, by Currie Eng. Co., Webster City, sewage treatment plant, incl. screen chamber, settling tank, pump house, trickling filters, etc., here, for City. Noted June 17.

Bids Received

N. Y., Albany—Bd. Contr. & Supply, Oct. 4, altering drainage system in Northern Blvd. between Northern Blvd. Viaduct and Loudenville Rd. from C. A. McManus, 31st Ave., $1,953; sewer and appurtenances under easterly side Southern Blvd. between McCarthy Ave. and point 210 ft. south of Kenosha St., from S. B. Easton, 47 Fairlawn Ave. $5,964, and Kenosha St. between Southern Blvd. and point eaterly about 400 ft., from J. J. Bellote Constr. Co., 2241 15th St., Troy $2,289; and constructing trunk sewer for diversion of Patroons Creek from Tivoli Lakes, from H. Dumary, 119 State St., $52,273. Noted Sept. 30 under "Streets and Roads."

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., Oct. 4, from Nevada Constr. Co., 466 Milwaukee St., concrete sewers in Burnham St. $13,390; from Milwaukee Sewer & Drainage Co., 928 Humboldt Blvd., Clarke St., $739, Meredith St. $7,777, Morgan Ave. $10,441, and Nock St. $1,296; from Wenzel & Henoch Constr. Co., 498 27th St., Mitchell St. $37,363; and from W. T. Werner, 675 Hi-Mount Blvd., Olive St. $15,036.

Wis., Stevens Point — A. Wallace, city clk., Oct. 4, from Bowersock & Vicker, sewers in various streets 5,800 ft. 48 in. concrete or segmental pipe at $12.25 per ft., 2,600 ft. 42 in. $11.75, 2,600 ft. 36 in. concrete $8.75 segmental $8.25, 2,200 ft. 30 in. concrete $7.70, segmental $7. Noted Sept. 30.

Contracts Awarded

Pa., New Eagle — For 4 mi. sewers in various streets, to A. Carponelli, Charleroi, $38,861.

O., Akron—W. F. Peters, dir. Pub. Serv., **(e. e. means engrs. est.)**, sanitary sewers and house laterals, etc., in Kipling and Crosier Sts., to F. George, 1657 Mahoning Ave., Youngstown, $12,087 and $17,987 respectively, e. e. $16,000 and $26,500 respectively; in Corice and Brittan Rd. et al, to E. and W. McShaffrey, 574 Rhodes Ave., $10,769 and $37,590 respectively, e. e. $14,800 and $46,400 respectively; in McKinley Ave., to S. Erslow & Co., 370 Bowery St., $12,636 e. e. $17,000; in Winton Ave., to Lombardi & Bowles, 163 Annadale Ave., $4,051 e .e. $5,000; in Belleflower Ave., et al, to Di Foti Constr. Co., 72 Furnace St., $3,935, e. e. $4,600. Grand total $99,056. Noted Sept. 30.

O., Akron—For 4,230 ft. 8- to 30-in. segmental block sewers in East Exchange St., to L. Crano, 605 Peoples Sayings & Trust Bldg., $31,218, engrs. est. $39,300; 2,200 ft. 30- to 39-in. brick sewer in Merriman Rd. Outlet, to Shullo & De Luca Constr. Co., 140 North Summit St., $22,588, engrs. est. $25,500, and 1,840 ft. 24- to 54-in. in South High and Bartges Sts., to McCourt Constr. Co., 369 South Main St., $30,467, engrs. est. $36,700. Noted Sept. 30.

O., Cleveland—For 300 ft. 2½ ft. and 250 ft. 2¾ ft. concrete sewers in East 111th St., to Iafornaro & Nero Constr. Co., 2280 Murray Hill Rd. $37,548, and 540 ft. sewers in Glendale Ave., to E. Cesa, 2462 Baldwin Rd. $8,772; culvert in Oak Park Ave., to H. J. Scott Constr. Co., 4816 Brookpark Rd., $7,601. Grand total $53,921.

O., Cleveland—Bd. Comrs. Cuyahoga Co., 8,500 ft. 8- to 48-in. sewers in Hollywood Dr. and Bridge Rd., Impvt. 79 S & W, to Abood & Lewis Constr. Co., 626 Huron Rd., $50,706. Noted Sept. 30.

O., Maple Heights (Bedford P. O.)—Sewers and watermains in 3 streets, to Hadded-Mall Co., Schofield Bldg., Cleveland, $22,044 and $15,364 respectively. Noted Sept. 23.

Minn., Ely — Sewer and watermains in various streets, to Union Constr. Co., 200 New York Life Bldg., Des Moines, Ia. $81,146. Former contract rescinded. Noted Sept. 2.

Calif., Belmont—Belmont Sanitary Dist., 38,921 ft. 6 and 12 in. vitr. sewers, etc., in Belmont Country Club, etc., to C. E. Prentiss, 1734 Francisco St., Berkeley, $89,098. Noted Sept. 23.

Waste Disposal

Proposed Work

Tex., San Antonio—Election soon $150,000 bonds, 3 incinerator plants. I. Ewig, city engr.

Ont., Woodstock—Plans brick, concrete and steel garbage and refuse incinerator. $25,000. F. J. Ure, City Hall, engr.

Bids Desired

Ala., Birmingham—Oct. 26, A. W. Hawkins, city engr., Room 407 City Hall, 3 garbage and refuse incinerating plants for City; adv. E. N.-R. Oct. 14. Noted July 8.

Bridges

Proposed Work

N. J., Newark—See "Railways under New Jersey."

Tenn., Perryville—State Dept. Highways & Pub. Wks., Nashville, making preliminary surveys bridge over Tennessee River, Perry Co., near here. C. N. Bass, highway comr.

Kan., Sedan—See "Streets and Roads."

Mo., Joplin—Made preliminary plans 600 ft. rein.-con. viaduct to carry Virginia Ave. across St. Louis & San Francisco R.R. tracks between 5th and 7th Sts. $65,000. S. P. Ashcraft, Jr., City Hall, engr.

Tex., Alice—See "Streets and Roads."

Tex., Galveston — See "Streets and Roads."

Tex., Lubbock—See "Streets and Roads."

Okla., Eufaula—State Hy. Dept., Oklahoma City, making preliminary plans 1 span 106 ft. steel truss bridge on concrete piers, McIntosh Co., here. $35,000. J. M. Page, highway engr.

Ont., Toronto — East York Twp. soon takes bids 10 span 1,303 ft. rein.-con. and steel bridge over Don Valley, between Leaside and East York Twp. $1,000,000. F. Barber, 45 Jarvis St., engr. Noted May 27.

Bids Desired

Mass., Brookline (br. Boston)—Boston & Albany R.R. Co., F. B. Freeman, ch. engr., South Sta., Boston, taking bids reconstructing concrete bridge incl. new arches, asphalt surfacing and granolithic sidewalks, Chestnut Hill Ave., here. $25,000.

Mass., Dennis — Oct. 19, by Dept. Pub. Wks., Boston, creosoted timber pile bridge over Swan Pond River, here, for Commonwealth of Massachusetts. $25,000. W. F. Williams, comr.

N. Y., North Tarrytown (Ind. br. Tarrytown)—Oct. 28, at office Westchester Co. Park Comn., 72 West Pondfield Rd., Bronxville, riveted steel through truss footbridge over Hudson River Div. of New York Central R.R. tracks, at Kingsland Point Park, here. J. Downer, ch. engr.; adv. E. N.-R. Oct. 14.

N. J., Newark — Nov. 1, by State Hy. Dept., Trenton, steel and concrete bridges and viaducts on Sect. 11 and 12, Route 1 extension, here. Contr. 4. A. L. Grover, secy.; adv. E. N.-R. Oct. 14.

South Dakota—See "Streets and Roads."

Pennsylvania — Oct. 20, by Comrs. Allegheny Co. (Pittsburgh) Bridge 5 over Monongahela River, between McKeesport and Duquesne 3 span, 2,423 ft. long. $2,000,000. County Bureau of Bridges, 519 Smithfield St., engrs. Noted Sept. 2.

Tex., Anderson—See "Streets and Roads."

Tex., Baird—See "Streets and Roads."

Bids Received

Mass., Sandwich — Dept. Pub. Wks., Boston, Oct. 5, reconstructing concrete beam bridge and approaches, here, from Powers Bros., North Montello St., Brockton, $49,648. Noted Sept. 30.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, ten 20 ft. span structural steel bridge on Route 13, Sect. 4-C, Saline Co., from Hay & Sons, Booneville, Ind., $9,950; five 40 ft., four 45 ft., two 60 ft., one 33 ft., two 16 ft., and one 14 ft. concrete slab and girder railroad over head bridge on Route 25, Sect. 22-V, Douglas Co., from V. C. Conner, Newton, $46,915. This corrects report in Oct. 7 issue.

Mo., St. Louis—See "Streets and Roads."

Contracts Awarded

N. Y., New York — A. Goldman, comr. Plant & Structures, Municipal Bldg., reconstructing High Bridge over Harlem River, to P. T. Cox Contg. Co., 154 Nassau St., $1,190,300. Noted Sept. 30.

Pa., McKeesport—Allegheny Co. (Pittsburgh), masonry, approach filling and paving Bridge 5 over Monongahela River, here, to Vang Constr. Co., Bessemer Bldg., Pittsburgh, $203,478. Engrs. est. $300,000.

Michigan—State Hy. Dept. at Sandusky, superstructure S. R. Bridge 742302, 110 ft. steel low truss, Contr. 1, Sanilac Co., to Green Constr. Co., Muskegon, $21,543. Noted Sept. 23.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, four 47 ft. concrete, two 96½ ft. steel span and one 56½ ft. steel plate girder span overhead railroad bridge on Route 1, Sect. K-V, Cook Co., to Mid-Continent Constr. Co., 6 North Michigan Ave., Chicago, $231,428; plank floor bridge on Route 3, Sect. 16-B, Whiteside Co., to Chernus Constr. Co., Sioux City, Ia., $3,451; seven 200 ft. span and one 260 ft. span steel bridges on Route 2, Sect. 70-C, La Salle Co., and eight 250 ft. fixed steel span bridge on Route 36, Sect. 20-C, Pike Co., to Illinois Steel Bridge Co., Jacksonville, $204,775 and $332,182 respectively; seven 200 ft. span sub-structure, incl. 2 rein.-con. abutments and 7 concrete piers on Route 2, Sect. 70-B, La Salle Co., and 2 concrete abutments, 8 concrete and 2 timber bender piers, on Route 36, Sect. 20-B, Pike Co., to Stressenreuter Bros., 3020 South Halsted St., Chicago, $122,840 and $174,454 respectively; concrete bridge

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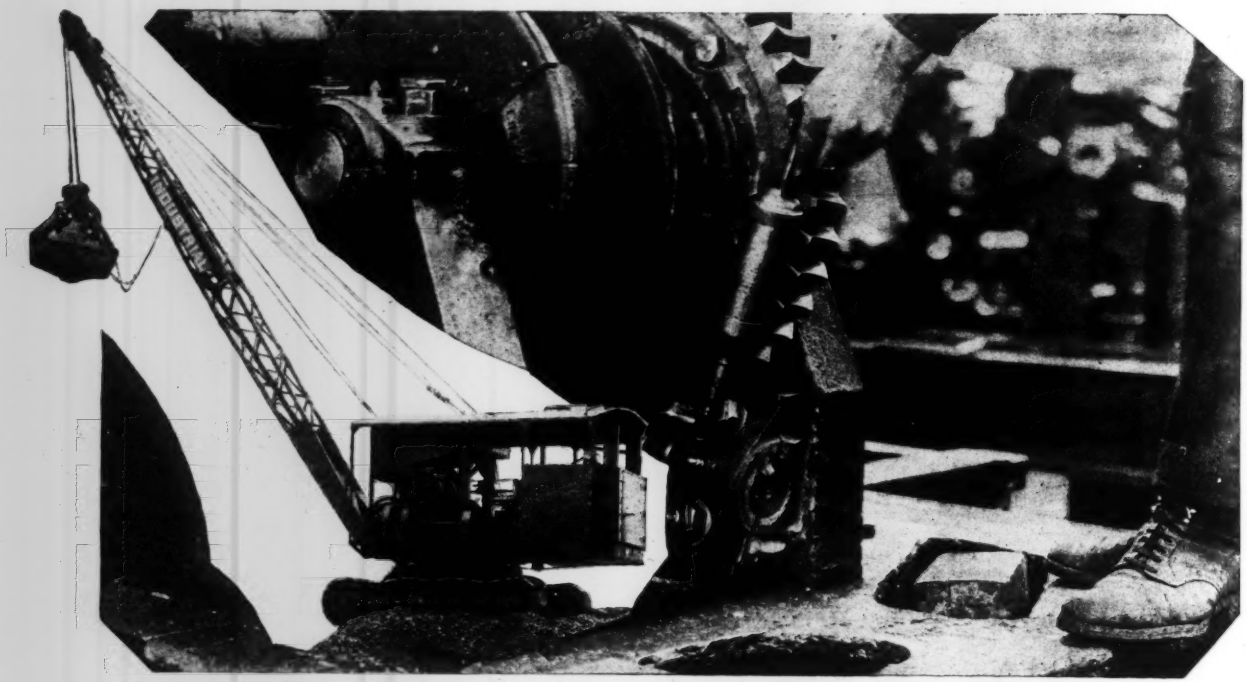

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Bridges (Continued)

on Route 20, Sect. 14-B, McHenry Co., to Widell Bridge Co., Mankato, Minn., $84,759; ten 20 ft. span steel beam bridge on Route 12, Sect. 4-C, Saline Co., to G. H. Goodlink, Lawrenceville, $9,014; five 40 ft. four 45 ft., two 60 ft., one 33 ft., two 16 ft. and one 14 ft. span concrete slab girder overhead railroad bridge on Route 25, Sect. 22-D, Douglas Co., to Casey Constr. Co., Pierron, $46,837; also 1 concrete retaining wall and 1 concrete culvert on Route 22, Sect. 19-1, Lake Co., to W. E. Ule Co., McHenry, $18,834. Grand total $1,228,574. Noted Sept. 2, 9 and 16.

Kan., Phillipsburg — See "Streets and Roads."

Kan., Westmoreland—See "Streets and Roads."

Utah—See "Streets and Roads."

Ore., Klamath Falls—J. S. Jensen, engr. Klamath Co., bridge over Link River, to J. Rocco, Klamath Falls, $29,977. Noted Sept. 16.

Que., St. George de Beauce—Dept. Pub. Wks., Parliament Bldg., Quebec, 300 ft. steel bridge across the Riviere du Luop, here, to T. E. Rousseau, Ltd., 229 St. Joseph St., Quebec. Engrs. est. $60,000.

Dams

Proposed Work

Ga., Cordele—Crisp Co. plans election in November $1,250,000 bonds, hydro-electric power dam.

Tennessee—See "Buildings—Industrial."

Railways

Proposed Work

New Jersey—Pennsylvania R.R. Co., A. C. Shand, ch. engr., Broad St. Sta., Phila., Pa., making plans railroad terminal at Market St., increasing from 2 to 4 or 6 tracks, two levels, 3 track draw-bridge, extending Hudson Tube System, and Public Service R.R. Terminal, in Newark. $20,000,000.

Pennsylvania—Chartiers Southern R.R. Co., E. T. Whittier, pres., Pennsylvania Sta., Pittsburgh, plans extending 7.6 mi. railway between present terminus near Mather and Waynesburg, Greene Co.

Texas—Rio Grande, Micolothic & Northern Ry., plans railway extending from connection with Galveston, Harrisburg & San Antonio Ry. at point about 123 mi. east of El Paso in southerly direction about 6.4 mi. in Hudspeth Co.

Colorado — Union Pacific Ry., R. L. Huntley, ch. engr., 1416 Dodge St., Omaha, Neb., plans 2.5 mi. branch line railroad in Larimer Co., here.

New Mexico—See "Buildings—Industrial under Alamogordo, N. M."

British Columbia — Provincial Government, Victoria, plans completing Pacific Great Eastern Railway from Quesnel to Prince George. $5,000,000. P. Philip, Dept. Pub. Wks., Victoria, ch. engr.

Bids Desired

Wisconsin—See "Contracts Awarded."

Contracts Awarded

Illinois — Southern Illinois & Kentucky R.R. Co., c/o Illinois Central R.R. Co., 135 East 11th Pl., Chicago, A. F. Blaess, ch. engr., watering station, incl. 100,000 gal. steel tank on tower, brick pump house, water column and pipe lines, to J. E. Nelson & Son, 3240 South Michigan Blvd., Chicago. Engrs. est. $42,000.

Wisconsin — Milwaukee Electric Ry. & Light Co., Pub. Serv. Bldg., Milwaukee, will build electric car line in Lake and Oak Creek Twps., Milwaukee Co. extending from Howell Ave. line south to freight line thence to power plant, by own forces. To exceed $25,000. E. J. Archambault, c/o owner, engr.

Kansas — See "Buildings — Industrial" under Coffeyville.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Ark., Blytheville—Board Dirs. D. D. 17, Mississippi Co., take new bids about Oct. 15, 2 unit pumping plant 150,000 g.p.m. capacity against 8 ft. head. Former bids rejected. Pride & Fairley, Osceola, engrs. Noted Sept. 2.

Tex., Donna — Donna Reclamation & Conservation Dist., Hidalgo Co., plans election $585,000 bonds, extensive drainage program. Address County Engineer, Edinburg. Noted Dec. 17.

Calif., Auburn—Camp Far West Irrigation Dist. plans election $225,000 bonds, gravity type concrete dam and canals, approximately 27,000 cu.yd. excav. M. Polk, Chico, engr. Noted Jan. 7.

Bids Desired

N. Y., New Rochelle—Oct. 19 (extended date), by Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, constructing beach wall, steps and shelter foundations, at Glen Island Park, here. J. Downer, Bronxville, ch. engr.; adv. E. N.-R. Oct. 14. Noted Sept. 30.

N. C., Fayetteville—Oct. 19, by Oates & Henring, attys. D. D. 3, 66,200 cu.yd. excav. suitable floating dipper dredge or drag line, 47,200 cu.yd. excav. for ditcher, 59,600 cu.yd. excav. for small machines or hand work, 10,000 cu.yd. cleaning out old canal, 500 lin.ft. 4 and 6 in. vitr. tile, 8 timber highway bridges, 40 timber private road bridges, etc. F. F. Wetmore, Lumberton, engr.

La., Port Allen — Oct. 25, by Comrs. Choctaw Basin D. D., Pointe Coupee Parish, approximately 40,000 cu.yd. excav. in extension Laterals 1 and 2.

La., Scott—Indian Bayou Sub-Drainage Dist. 1, Lafayette Parish, L. L. Judice, secy., taking bids dredging approximately 290,000 cu.yd. drainage canals. $35,000. Merill Bernard, Crowley, engr.

Kan., Wichita—Nov. 1, by City, at office C. C. Ellis, city clk., excavation to widen drainage canal; adv. E. N.-R. Oct. 14.

Contracts Awarded

Illinois—See "Bridges."

Calif., Los Angeles — Los Angeles City Harbor Dept., 215,000 cu.yd. dredging in Yacht Anchorage, East Basin, to Western Dredging Co., 58 2nd St., San Francisco, at $0.235 per yd. Noted Oct. 7.

Streets and Roads

Proposed Work

Mass., Charlestown (Boston P. O.)—Dept. Pub. Wks., Boston, J. H. Sullivan, comr., plans widening Sullivan Sq., here. $25,000.

Mass., Dorchester (Boston P. O.)—Dept. Pub. Wks., Boston, J. H. Sullivan, comr., plans widening section Dorchester Ave., here. To exceed $25,000.

N. J., Newark—Soon takes bids grading, curbing, flagging and sheet asphalt on new 6 in. concrete paving 1,132 ft. Varsity Rd., 36 ft., $40,000; removing present granite block pavement, building up old concrete base, and asphalt surfacing, 1517 ft. Central Ave., 40 ft. $25,000. G. W. Andress, City Hall, engr.

W. Va., Moundsville — Jefferson Dist. election Nov. 2, $75,000 bonds improving roads in Marshall Co. R. L. Molter, Moundsville, co. engr.

W. Va., Summersville—Beaver Dist. election Nov. 2, $350,000 bonds, improving roads in Nicholas Co. C. E. Stephenson, Summersville, co. engr.

Miss., Laurel—Jones Co. plans resurfacing 30 mi. Jackson Highway; also grading and graveling other roads. $1,250,000. U. C. Collins, chancery clk.

La., Winnfield — Winn Parish Police Jury, B. L. Anderson, treas., takes bids probably in December hard-surfacing approximately 13 mi. Winnfield-Tullos Rd., Wards 1 and 2.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, plans improving 18 mi. Valdeau-Soddy Rd., Hamilton Co. To exceed $25,000. C. N. Bass, highway comr.

Tenn., Chattanooga—Hamilton Co. election soon $600,000 bonds improving county road system. W. Cummings, Chattanooga, co. judge.

Tenn., Dover—Stewart Co. Court making surveys improving 12 mi. road from point near Dover to Tennessee River.

Tenn., Huntingdon—Carroll Co. and State Dept. Highways & Pub. Wks., Nashville, made surveys improving 15 mi. Huntingdon-Milan Rd.

Tenn., Memphis—Plans grading, curbing, guttering, sidewalks and sheet asphalt on concrete paving 9,600 sq.yd. Marshall Ave. $181,500. W. B. Fowler, Court House, engr.

Kentucky—State Hy. Dept. Frankfort, plans improving 321.25 mi. various roads in Ballard, Casey, Clay, Campbell, Grayson, Greenup, Green, Hardin, Jackson, Johnson, Knott, Leslie, Lawrence, Lyon, Lewis, Martin, McCreary, Muhlenberg, Manifee, Montgomery, Morgan, McLean, Nicholas, Oldham, Perry, Pulaski, Russell, Scott and Wayne Counties; and bridges in Bath, Boone, Christian, Fulton, Hopkins, Lincoln, McCreary, McCracken, Pike and Shelby Counties. E. N. Todd, highway engr.

O., Youngstown — Plans repaving and widening Belmont Ave., $300,000; also Mahoning Ave., $85,000. G. E. Turner, Youngstown, engr.

Mich., Detroit—Plans 3½ in. sheet asphalt on 8 in. concrete paving 4,900 sq.yd. Eureka Ave., $19,640; 4,800 sq.yd. Edgewood Ave. $19,190; and 8,020 sq.yd. Monica Ave., $16,080. P. A. Fellows, city engr.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, rejected bids Sept. 7, paving Route 4, Sect. 430-W, Cook Co.; Sept. 22, 1.06 mi. Route 1, Sect. 41-X, Massac Co., and 0.36 mi. Route 37, Sect. 12-X, Franklin Co. Noted Sept. 16.

Ill., Grays Lake — Making plans and takes bids in spring concrete paving 25,000 sq.yd. various streets. $125,000. Marr, Green & Co., 405 North Michigan Ave., Chicago, engrs.

Ill., Knoxville—Takes bids in November grading, curbing and paving 6 blocks various streets, 36 ft. $25,000. F. M. Connolly, 428 Peoples Trust & Savings Bldg., Galesburg, engr. Noted Apr. 8.

Ill., Staunton—Takes bids about Jan. 1, grading, curbing and concrete paving 7,880 ft. Prairie, Mill, Madison, Hibbard, Edward Wood and Elm Sts., 24 and 30 ft. $90,000. W. A. Fuller Co., 1917 Railway Exch. Bldg., St. Louis, Mo., engrs.

Wis., Milwaukee—Milwaukee Co., W. F. Cavanaugh, comr. highways, making plans concrete widening 6 ft. on each side, 3.5 mi. North Ave. Rd. To exceed $25,000.

Minn., Robbinsdale—Making plans grading approximately 90,000 cu.yd. streets in McNair Manor. $35,000. Claussen & Carroll Eng. Co., 406 Metropolitan Bank Bldg., St. Paul, engr.

Kan., Newton—Plans grading, concrete surfacing, etc. 0.997 mi. Federal Aid Project 329-C. 26 ft. A. Hay, Newton, co. engr.

Kan., Ottawa—Franklin Co. plans grading, etc. 7.016 mi. Federal Aid Project 273-B, 28 ft. E. F. Loveless, Ottawa, engr.

Ark., Pine Bluff — Making preliminary plans grading, curbing and paving portions 17th and Georgia Sts. F. R. Allen, City Hall, engr.

Tex., Albany — Shackelford Co. making plans bituminous macadam on waterbound macadam surfacing 14.872 mi. Highway 23, 18 ft. $214,364. J. E. Pirie, Albany, co. engr.

Tex., Alice—Jim Wells Co. takes bids after Oct. 18, grading, bridging and rock asphalt paving Highway 12-A, Federal Aid Project 424-D. $248,000. F. E. Hess, Alice, engr. Noted Aug. 19.

Tex., Galveston — Galveston Co. soon takes bids grading, bridging and rein.-con. paving 2.91 mi. Highway 6, Federal Aid Project 466-J, 18 ft. $142,460. C. C. Washington, Galveston, co. engr.

Tex., Lubbock — Lubbock Co. making plans grading and bridging 17.587 mi. Highway 7, 26 ft. $45,000. B. K. Garrett, Lubbock, resident engr.

Tex., Midland — Voted $60,000 bonds, hard paving various streets. B. F. Haag, mayor. Noted Sept. 16.

Oklahoma—State Hy. Dept., Oklahoma City, making preliminary surveys grading 102,760 cu.yd. State Road 9, McIntosh Co. $65,000. J. M. Page, highway engr.

Okla., Wewoka—Plans grading, curbing and concrete paving 14,260 sq.yd. streets in Dist. 7. $42,200. G. R. Conner, Wewoka, engr.

Calif., Glendale—Making plans asphalt on concrete paving 1½ mi. Pacific Ave. To exceed $25,000. J. F. Johnson, City Hall, engr.

Calif., Hermosa Beach—Making plans sheet asphalt paving 2 mi. Hermosa Ave. et al. P. Kressley, City Hall, engr.

Calif., Los Angeles—Making plans grading, curbing, sidewalks, guttering, etc., Ronan Ave., 73rd St., alleys, etc. To exceed $25,000. J. C. Shaw, City Hall, engr.

Calif., Oakland — Made plans grading, concrete curbing, guttering, and 2 in. Warrenite on 6 in. concrete paving, etc., 25,839 sq.ft. Castro St. W. W. Harmon, city engr.

Calif., San Diego—Plans concrete sidewalks, concrete curbing, and 5 in. asphaltic concrete paving, etc. 236 610 sq.ft. Del Monte Ave., Cable and Voltaire Sts. F. A. Rhodes, city engr.

Calif., Stockton — Made plans grading, curbing, sidewalks, and Warrenite surfacing 93,175 sq.ft. portion Miner Ave. W. B. Hogan, city engr.

Ont., Hamilton—Making plans asphalt on concrete paving Harmony Ave.; also asphalt and brick block on concrete paving

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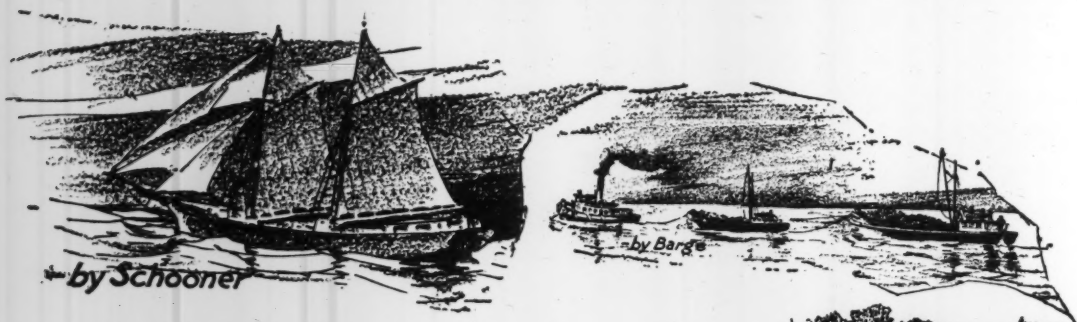

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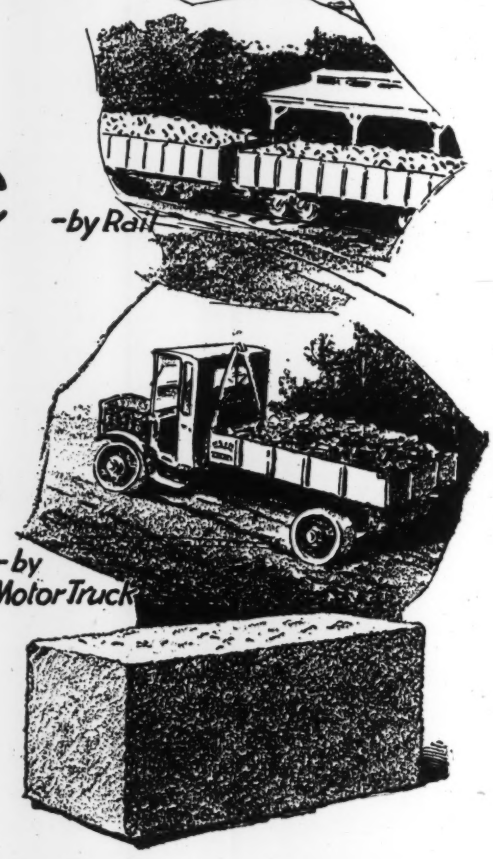

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GRANITE·LIVES·FOREVER

Streets and Roads (Continued)

Wilson St. $35,066. W. L. McFaul, City Hall, engr.

Ont., Toronto—Plans asphalt on concrete paving 6,000 sq.yd. Douglas Dr. and Willard Ave. $25,225. R. C. Harris, City Hall, engr.

Ont., Toronto—Plans concrete curbing, guttering and sheet asphalt paving Dartnell Ave.; also bitulithic and brick block paving Victoria Park Ave. $25,256. R. C. Harris, City Hall, engr.

Ont., Windsor—Council plans widening and straightening Assumption St.; and widening Goyeau St. $60,000. M. E. Brian, City Hall, engr.

Bids Desired

Mass., Boston—Oct. 18, by Dept. Pub. Wks., sewerage works in various streets in West Roxbury; Oct. 20, in various streets in Dorchester and Hyde Park. $25,000. J. H. Sullivan, comr. Noted Sept. 30.

New York—Oct. 29, by State Dept., 353 Bway., Albany, constructing roads in Broome, Cayuga, Ontario, Putnam, St. Lawrence, Schoharie, Steuben, Allegany, Suffolk, and Wyoming Counties also reconstructing roads in Dutchess, Nassau and Schuyler Counties. A. W. Brandt, comr. highways; adv. E. N.-R. Oct. 14.

N. Y., Brooklyn—Oct. 20, by J. J. Byrne, pres., Brooklyn Boro, Boro Hall, permanent asphalt on 6 in. concrete repaving Empire Blvd., 79th St., Marcy, Central and 11th Aves.

N. Y., New York—Oct. 22, by H. J. Bruckner, pres., Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading, setting curb, sidewalks, crosswalks, approaches and guard rails, etc., on Mansion and Sagamore Sts., and Cruger, Roebling and Gillespie Aves.

N. Y., St. George—Oct. 22, by J. J. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Forest Ave.

N. Y., White Plains—Oct. 18, at office F. L. Merritt, clk. Westchester Co., granite block on rein.-con. paving, etc., 0.73 mi. Road 33, Pt. 3 from Saw Mill River Rd. to Fortfield Ave.; adv. E. N.-R. Oct. 14.

Pa., Pittsburgh—Oct. 20, by Controller Allegheny Co., asphaltic concrete paving 1,184 ft. Evergreen Plank Rd., Contr. 2, 26 to 44 ft. $25,000. County Dept. Pub. Wks., 519 Smithfield St., engrs.

N. C., Beaufort — Oct. 25, by Comrs. Carteret Co., hardsurfacing 16 mi. road between Davis and Atlantic. G. J. Brooks, Beaufort, engr.

Fla., Bunnell—Oct. 18, by Town Comn. at office J. P. Gerz, clk., curbing, guttering, brick, concrete or bituminous paving, etc. 93,000 sq.yd. various streets. N. A. Hotard, New Smyrna, engr.

Kan., Jetmore—Oct. 22, by Clerk Hodgeman Co., grading, etc. 38,283 cu.yd. Federal Aid Project 359-A. L. Hunter, Jetmore, co. engr.

O., Cincinnati—Oct. 21, by Director Pub. Serv., granite block paving 6,400 sq.yd. Main St., 46 ft. $57,096. C. O. Sherrill, City Hall, engr.

O., Cincinnati—Oct. 22, by Comrs. Hamilton Co., concrete paving, etc., 51,000 sq.yd. Cornell Rd., $187,044; tar bound macadam paving, etc., 37,500 sq.yd. Mill Rd., $90,105. E. A. Gast, Court House, engr.

O., Euclid—Oct. 18, by Village, paving Ivan Ave. from East 215th to East 236th Sts., and East Miller Ave. from East 200th to East 222nd Sts. To exceed $25,000. F. A. Thomas, Town Hall, engr.

Ind., Valparaiso — Oct. 16, by Comrs. Porter Co., graveling 3.78 mi. Morgan Porch et al., in Washington Twp., $49,934; 4.14 mi. C. S. Perrin et al., in Jackson Twp. $63,770; and 0.4 mi. Frank E. Johnson et al., in Westchester Twp., $4,580. B. H. Kinne, aud.

Michigan—Oct. 20 (extended date), by H. G. Oakes, resident engr., Cadillac, concrete paving 128,616 sq.yd. F. A. 129 Sect. F, Benzie Co., for State Hy. Dept., Lansing. Noted Sept. 30.

Ill., Chicago — Oct. 19, by Bd. Local Impvts., Room 207, City Hall, 6 ft. cement sidewalks on 74 streets and avenues. J. J. Sloan, pres.

Ill., Marengo — Oct. 19, by Bd. Local Impvts., concrete paving 4,400 sq.yd. and Kentucky rock asphalt repaving 4,700 sq.yd. various streets. A. L. Webster, Wheaton, engr.

Ia., Council Bluffs—Oct. 18, by F. B. Jenkins, city clk., grading, curbing and concrete, asphalt, brick or asphaltic concrete paving 6,075 sq.yd. and Warrenite, sheet asphalt or asphaltic concrete repaving 18,168 sq.yd. various streets. B. Walker, City Hall, engr.

Ia., Toledo—Oct. 19, at office Auditor Tama Co., graveling Federal Aid Project 257. This corrects report in Oct. 7 issue.

Kan., Jetmore—Nov. 2 (extended date), by Clerk Hodgeman Co., grading, etc. 5.816 mi. Federal Aid Project 359-A, 28 ft. Noted Oct. 14.

Kan. Sedan — Oct. 20, by Clerk Chautauqua Co., grading and 60 ft. concrete arch bridge on 0.023 mi. Federal Aid Project 356-B.

South Dakota — Oct. 26, by State Hy. Comn., Pierre, grading approximately 51 mi. 4 projects in Roberts, Corson, Spink and Potter Counties; graveling approximately 128 mi. 12 projects in Lake, Hutchinson, Marshall, Day, Pennington, McPherson, Sanborn and Miner Counties; also constructing one 34 ft. concrete viaduct, 90 ft. pony truss and approximately 60 ft. concrete and steel bridges on 3 projects in Harding, Spink and Roberts Counties.

Mo., St. Louis — See "Contracts Awarded."

Tex., Anderson — Oct. 28, by Comrs. Grimes Co., grading and bridging 13.81 mi. Highway 10, State Aid Project 610-B. $126,945. O. A. Seward, Jr., Navasota, engr.

Tex., Baird—Oct. 20, by State Hy. Dept., Austin, grading and bridging 5.469 mi. Federal Aid Project 52-D, Unit 1, Callahan Co. $52,000. T. H. Webb Co., Baird, engrs.

Ont., Hamilton — See "Contracts Awarded."

Bids Received

N. Y., Albany—Bd. Contr. & Supply, Oct. 4, improving North Pearl St. between Tivoli and Emmett Sts., also Hanson Woodlawn Aves. between Erie St. and Main Ave., from H. Dumary, 119 State St., $86,034 and $45,831 respectively; and Marion Ave. between Western Ave. and Cortland St. from E. B. Stevenson, 443 Bway., $67,697. Noted Sept. 30.

N. Y., New York—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., Oct. 6, from St. George Paving Corp. 90 West St., granite block on concrete paving East 140th St., $44,971; from Brusstar Constr. Co., 167th St. and Harlem River, asphalt paving Liebing St. $19,939, from Interboro Asphalt Co., 2306 Creston Ave., East 213th St. $20,988, Holland Ave. $35,968, and Mosholu Parkway $30,895, also C. D. Beckwith, Inc., 2875 Bway., Lebanon St. $17,869 and Weeks Ave. $23,859. Noted Sept. 30.

N. Y., St. George—J. A. Lynch, pres., Richmond Boro, Boro Hall, Oct. 6, bituminous concrete repaving Forest Ave., from J. E. Donovan Paving Co., 2205 Richmond Terrace, Port Richmond, $46,055; bituminous macadam paving Stephens and Union Places, from Vanbro Constr. Co., 24 Elizabeth St., West New Brighton, $7,698; concrete curbing and steel guard, etc. on Clinton Ave., from F. J. Zarelli, Inc., 465 Cary Ave., Concord, $4,387. Noted Sept. 30.

New Jersey — State Hy. Comn., Trenton, grading, graveling 48,012 sq.yd. extension State Highway Routes 2, 3 and 6, to Delaware River Bridge, known as Entrance Rd., Sects. 1A, 2A, 3A, and Connecting Rd. 3A and 4A, Camden Co., from Union Paving Co., 123 South 21st St., Phila., Pa., $248,423. Noted Sept. 16.

Pa., Phila. — Dept. Pub. Wks., Bureau of Highways, Oct. 5, from Eastern Asphalt Co., Penna. Bldg., asphalt repaving Front and Erie Sts. (portion of intersection) $10,095, from Union Paving Co. 123 South 21st St., Vine St. $11,675, York Rd. (incl. track area) $38,167, redressed granite block repaving Dauphin St. $25,037, Glenwood St. (track area) $3,024, 20th St. (track area) $10,187, improving Barclow and Philmont (country) Rds. $25,768, Forrest and Williams (country) Rds. $13,455, and furnishing sand for asphalt paving mixtures $3,125; from Barber Asphalt Co., 239 North 30th St., asphalt repaving 33rd St. $105,943; from Mazzola & Marano, Inc., 739 South 7th St., redressed granite block repaving Dock St. $110,732, improving Arthur (country) Rd. $8,254, from Wilson-Martin, Inc., 1501 North 2nd St., Bingham, Oakley, St. Vincent, Tabor and Walter Rds. $24,487, E, F and Stanwood Rds. $11,432, Knorr, Oakley and Tyson Rds. $16,653, and Rowland Rd. $26,680, from M. Leawright, 424 Seville St., Fowler Rd. $2,108, and Roxborough Rd. $4,037, from United Paving Co., Real Estate Trust Bldg., Roxborough Rd. $4,037, from F. Mark Contg. Co., North Winghocking St., Hellerman and Vankirk Rds. $4,615, from J. Devlin, Jr., Hancock and Thompson Rds. $2,802; and from J. Zecca & Co., 6441 Vine St., paving and repaving certain alleys in 2nd Highway Dist. $7,180, and from L. Bokser, 1818 North 8th St., 3rd Highway Dist. $4,094.

Pa., Phila.—Dept. City Transit, H. E. Ehlers, dir., repaving 3,330 ft. Broad St. Subway, Contr. 163, from Union Paving Co., 123 South 21st St., $114,345. Noted Sept. 30.

O., Cincinnati—Comrs. Hamilton Co. (e. e. means engrs. est.) tar bound macadam repaving 10,400 sq.yd. Creek Rd., from J. Stone, 2312 Mound Ave., Norwood, $24,945 e. e. $25,305; 11,200 sq.yd. Muchmore Rd., and 16,100 sq.yd. Little Dry Run Rd., from Pickleheimer & Stone, 2312 Mound Ave., Norwood, $31,066 and $49,658 respectively e. e. $31,319 and $49,687 respectively; 37,500 sq.yd. Mill Rd., from Craig & Jordan, Blanchester, $81,428 e. e. $90,105, 9,600 sq.yd. Powner Rd., from McIntyre & Montague, North Bend, $20,552 e. e. $25,037; 27,600 sq.yd. South Rd., from C. Nicholson, Sayler Park Station, Cincinnati, $55,604 e. e. $66,308; and 24,500 sq.yd. Struble Rd., from D. C. Brunson, 834 Hutchins Ave., $55,723 e. e. $56,353. Noted Sept. 30.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete paving 35.56 mi. Route 23, Sect. 3, La Salle Co., from Harrison Eng. & Constr. Co., 506 Mutual Bldg., Kansas City, Mo., $752,541; 1.06 mi. Route L, Sect. 41-V, Massac Co., from Mitchell Constr. Co., Marion, $22,291, 0.36 mi. Route 27, Sect. 12-X, Franklin Co., from Roy & Vinyard, Benton, $11,006, 6.69 mi. Route 20, Sect. 29-R, Cook Co., fom States Impvt. Co., 160 North La Salle St., Chicago, $226,082. This corrects report in Oct. 7 issue.

Mo., St. Louis—Dept. Pub. Serv., 208 City Hall, Sept. 24, grading, etc. 66,250 cu.yd. Sects. A and B Hyde Park Blvd., from M. Haase, St. Joseph, $40,259 and $63,597 respectively; also 30 x 30 ft. rein.-con., steel and creosoted timber bridge at 18th St. between Holman and Boyd Sts., from O. H. Schmidt, St. Joseph, $9,361.

Calif., Los Angeles — Bd. Supervs. Los Angeles Co., Sept. 28, improving Section Line Rd., from N. C. Howe & Son, 819 Park St., South Pasadena, $44,333.

Calif., Los Angeles — From Warren Constr. Co., 2221 East 25th St., grading, curbing, guttering, sidewalks, sheet asphalt and asphalt concrete paving, Vermont Ave. from 9th to Washington Sts., $140,507, from Tryon & Brain, Taio Bldg., Santa Barbara Ave. and 2nd Ave. Impvt. Dist., $192,790, grading, curbing, sidewalks and oiling 25,702 sq.ft. Newell and Rippel Sts. Impvt. Dist., $80,629, rock and oil surfacing, etc., 8,750 sq.ft. 83rd St. and Horvard Blvd. Impvt. Dist., $98,098. J. C. Shaw, City Hall, engr.

Contracts Awarded

N. Y., East Rockaway—Rein.-con. paving 45,900 sq.yd. various streets, to J. McPeak, Lynbrook, at $2.45 per sq.yd. Noted Sept. 16.

N. Y., New York City — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading, curbing and sheet asphalt paving East 153rd St., to C. D. Beckwith, Seneca Ave. and Edgewater Rd., $42,928. Noted Oct. 7.

N. Y., New York—J. Miller, pres., Manhatton Boro, Municipal Bldg., asphalt block on concrete paving, etc., Amsterdam Ave., etc.; also repairing wood, granite and oak key block paving where necessary, to Regan Tower Co., 127 West 121st St., $77,123. Noted Oct. 7.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, grading Carteret St., to J. Kelly, Inc., 1150 Forest Ave., Port Richmond, $6,834; and granite block repaving Bay St., to Vanbro Constr. Co., 20 Elizabeth St., Port Richmond, $12,293. Noted Oct. 7.

N. Y., Yonkers — Constructing Plaza at railroad station, incl. construction of conduit, involving paving 7,000 sq.yd. granite block, etc., to A. Ciancuilli, Yonkers, $400,000.

Pennsylvania—State Hy. Dept., Harrisburg, (R. means Route and A. means Application), grading, etc. 370,000 cu.yd. R. 105, Sect. 7-E, Clinton Co., to Miller Constr. Co., Punxsutawney, $452,885; rein.-con. paving, etc. 855 sq.yd. A. 4271, Montgomery Co., to B. Foster Co., Inc., 20th and Venango Sts., Phila. $31,545, 5,092 sq.yd. R. 89, Sect. 4, Crawford Co., to E. J. Bailey, Brocton, N. Y. $40,434, 46,180 sq.yd. R. 167, Pike Co., to Rudolph & Delano, Tamaqua $224,945, 22,972 sq.yd. R. 120, Sect. 1A-1B-2A, Westmoreland Co., to Edwards-Dunn Co., Greensburg $108,544, 29,098 sq.yd. R. 247, Sect. 10, A. 4094-4095, Washington Co.,

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Streets and Roads (Continued)

to Donora Constr. Co., Donora $199,628, 15,709 sq.yd. R. 158, Spur, Lehigh Co., to Smith-Ferstermacker Co., Allentown $45,-154, 39,907 sq.yd. R. 140-141, A. 4309, Lebanon Co., to D. L. Risser, Lebanon $139,946, 32,000 sq.yd. R. 417, A. 4131, Schuylkill Co., and bituminous on treated macadam paving 58,648 sq.yd. R. 62 Spur, Clearfield Co., to David Schoentag, Inc., Saugerties, N. Y. $131,768 and $179,965 respectively, also 69,926 sq.yd. R. 277, A. 3962, McKean Co., to D. L. Dennis, Galeton $188,161. Grand total $1,742,975. Noted Sept. 16, 30 and Oct. 7.

Pennsylvania—State Hy. Dept., Harrisburg, **(R. means Route and A. means Application)**, rein.-con. paving, etc. 18,651 sq.yd. R. 276, Cambria Co., to Clark Bros. Constr. Co., Cherry Tree, $76,391; 17,500 sq.yd. R. 5, Luzerne Co., to B. G. Coon Constr. Co., Luzerne, $73,963; 9,672 sq.yd. R. 181, A. 1058 A, Allegheny Co., to Donora Constr. Co., Donora, $53,610; and 8,620 sq.yd. R. 119, Sects. 4 A and 6, Westmoreland Co., to J. C. Mickey, Latrobe, $41,492. Grand total $245,456. Noted Sept. 30.

Pa., Pittsburgh — Grading, curbing and paving Mirror and Olympia Sts., to Booth & Flinn Ltd., Forbes St., $26,452. Engrs. est. $26,000.

W. Va., Point Pleasant—Grading, etc. 7.5 mi. Leon-Robertsburg Rd., to R. L. Black & Co., Yawkey, $83,187.

W. Va., Weston—Lewis Co., grading 7 mi. Walkersville-Roanoke Rd., to D. H. Harlow & Co., Spencer, $95,268.

Florida—State Road Dept., Tallahassee, Florida, 8 in. lime rock base on 10.52 mi. Project 660, Road 3, to Langston Constr. Co., Orlando, $164,200; grading, etc., 6.18 mi. Project 50-A, Road 14, Putnam Co., to Boone & Webster, St. Augustine, $164,939, and 9.28 mi. Project 619, Road 5, Alachua Co., to J. L. Gladwell, Watertown, $32,052; also concrete paving 12.7 mi. Project 529, Road 1, Suwannee Co., to M. C. Winterburn, Inc., Jacksonville, $332,165. Grand total $693,356. Noted Sept. 16.

Alabama—State Hy. Dept., Montgomery **(e. e. means engineers estimate)**, grading, etc. 1.1 mi. road from Valley Head to State Project 13, De Kalb Co., to R. W. Harris and M. C. Hollis, Winfield, $11,251 e. e. $12,000, and 7.48 mi. Guntersville-Arab Rd., Marshall Co., to W. C. McCoy, La Fayette, $42,398 e. e. $43,000; sand clay surfacing 18.52 mi. Dothan-Alaga Rd., Houston Co., to Wofford & Co., Dothan, $103,565 e. e. $105,000; and top soiling 8.1 mi. Wedowee-Heflin Rd., Randolph Co., to A. H. Singer, La Fayette, $140,000 e. e. $140,500. Grand total $297,214. Noted Aug. 12.

Ala., Birmingham—City Comn., concrete-asphalt paving 1 block 15th Ave. and 20th Pl., 40 and 60 ft., to Wood-Rucker Constr. Co., Amer. Trust Bldg., $4,718; 3 blocks 23rd St. and 20th Pl., Ensley, 40 ft. ,to J. Hamm, 1st Natl. Bank Bldg., $14,555; 6 blocks 29th Ave., 40 ft., to H. N. Bowdry, Alabama Power Company's Bldg., $25,784; 4 blocks Graymont Ave., 50 ft.; to Dunn Constr. Co., Lincoln Life Bldg., $20,942; 2 blocks 18th Alley and Alley F, Ensley, 20 ft., to Holt & Rast, Amer. Trust Bldg., $2,068; 16 blocks East Lake Blvd., 20 ft., to Jones Constr. Co., Amer. Trust Bldg., $38,581; 1 block 62nd St. and 3 blocks 29th St., 40 ft., to Independent Paving Co., Amer. Trust Bldg., $3,815 and $18,678 respectively; 5 blocks 5th Ave. N. and 7 blocks 30th Ave., 60 ft., to Southern Roads Co., 104 North 17th St., $54,594 and $36,198 respectively. Grand total $219,933.

Louisiana—Rapids Parish Police Jury (Alexandria), concrete paving approximately 7 mi. road between Alexandria and Moreland, Paving Project 162-A, to Lawrence Constr. Co., Jackson, Miss., $208,053.

La., Bossier City—Grading, curbing, guttering and 7 in. rein.-con. paving, etc., approximately 17,000 sq.yd. various streets, to T. S. Clements, Shreveport, $72,855.

Kentucky—State Hy. Dept., Frankfort, **(S.A.P. means State Aid Project)**, grading 6.623 mi. Lawrenceburg-Graefenberg Rd., S.A.P. 22-A and B, Anderson and Franklin Counties, to J. M. Perkins Co., Frankfort $53,624, 11.619 mi. Stanford-Mt. Vernon Rd., S.A.P. 27-A, Lincoln Co., to Connelly Constr. Co., Somerset $81,645, and 6.678 mi. Glasgow-Burksville Rd., S.A.P. 40-B, Metcalfe Co., to S. D. Pace & Co., Burkesville $67,165; bituminous macadam surfacing 5.208 mi. Newcastie-Frankford Rd., S.A.P. 19-B, Henry Co., to Muir & Welch, Nicholasville $117,430, rock asphalt on concrete surfacing 1.546 mi. Hazard-Jackson Rd., S.A.P. 4-F, Perry Co., to R. H. Bolling, Norton, Va., $43,881; creek gravel surfacing 9.363 mi. Hazard-Whitesburg Rd., S.A.F. 4-H, Perry Co., to Codell Constr. Co., Winchester, $51,773; waterbound macadam surfacing 6.3 mi. Lancaster-Crab Orchard Rd., S.A.P. 97-A, Garrard Co., to R. E. Van Camp, Columbus, O. $48,490, and 4 mi. Bardstown-Springfield Rd., S.A.P. 47-A, Nelson Co., to L. E. Marks, Bardstown, $44,212; bank gravel surfacing 13.815 mi. Mayfield-Paducah Rd., S.A.P. 9-A, Graves Co., to N. E. Stone & Co., Madisonville $56,181, 6.398 mi. Clinton-Fulton Rd., S.A.P. 7-A, Hickman Co., to Carter, Carter & Braden, clay, $72,204; surfacing (type not decided) Stanford-Lancaster Rd., to Connelly & Lutes & Son, Somerset, waterbound macadam $86,942, and bituminous macadam $104,211; surfacing, etc. Lexington-Richmond Rd., S.A.P. 5-A, Fayette Co., to Louis Des Cognets Co., Lexington, $47,-620. Noted Sept. 2.

O., Brooklyn Heights (mail Independence) — Asphaltic concrete paving, etc., 8,400 sq.yd. West 11th St. and 15th Sts., to Baldwin Bros., 4500 Euclid Ave., Cleveland, $27,181 and $16,576 respectively.

O., Cincinnati—Concrete repaving 4,000 sq.yd. Reid Ave., to A. P. Birnbaum, 2671 Cora St., $20,093, engrs. est. $25,100; and 1,135 ft. Elm St., to Henkle & Sullivan, 105 Bell Blk., $37,078, engrs. est. $45,844. Noted Sept. 30.

O., New Philadelphia—Sheet asphalt on concrete paving East Ave., to C. G. Fuller, Dover, $33,703. Engrs. est. $35,000. Noted July 29.

Ind., Anderson — Madison Co., concrete paving John St., to Lyst & McVaugh, Anderson, $25,195. Noted Aug. 19.

Michigan—E. R. Benkert, resident engr., Port Huron, 20 ft. concrete paving 1.115 mi. T. L. 38-8, to Rowe Constr. Co., Sebeawing, $37,111; and 1.089 mi. T. L. 46-33, to Whitely & Schwaderen, Sandusky, $33,777, both 20 ft., Tuscola Co., for State Hy. Dept., Lansing. Noted Oct. 7.

Michigan—H. C. Fleming, resident engr., Grand Rapids, concrete paving 3.221 mi. T. L. 54-15, Sect. A, 20 ft., Muskegon Co., to J. R. Edelman, 40 West Isabella St., Muskegon, for State Hy. Dept., Lansing, $92,957. Noted Oct. 7.

Michigan—G. H. Green, resident engr., Alpena, concrete paving 5.909 mi. T. L. 10-48 Sect. A, 20 ft., Bay and Arenac Counties, to C. J. Milne, Saginaw, for State Hy. Dept., Lansing. $193,348. Noted Sept. 23.

Michigan—A. M. Hopperstead, resident engr., Crystal Falls, concrete paving 3.017 mi. T. L. 12-54, 20 ft., Dickinson Co., to M. J. Bacco, Iron Mountain, for State Hy. Dept., Lansing. $118,379. Noted Sept. 16.

Michigan—A. R. Schaefer, resident engr., Newberry, graveling 5.455 mi. T. L. 67-2, 16 ft., Alger Co., to Peterson Constr. Co., 502 Globe Bldg., Minneapolis, Minn., for State Hy. Dept., Lansing. $65,001. Noted Sept. 23.

Mich., Detroit—Grading, curbing and 3½ in. sheet asphalt on 8 in. concrete paving Mt. Clemens Dr., and 5 avenues, to Detroit Asphalt Paving Co., 909 Transportation Bldg., $134,065; Sterns, Wells and 14 Aves., to Cleveland Trinidad Paving Co., 402 Hammond Bldg., $45,385; Central Ave., to Dept. Pub. Wks., City Hall, $35,-278; and Havana Ave., to Cooke Asphalt Paving Co., 1260 Penobscot Bldg., $17,259. Grand total $231,987.

Mich., Pleasant Ridge (mail St. Louis) —O. C. Keil, village clk., concrete curbing, and 6 in. concrete paving 6,910 sq.yd. Claudella Ave., to R. D. Backer Co., 1631 Elmhurst Ave., Detroit, approximately $25,-000. Noted Sept. 2.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete paving 0.12 mi. Route 10, Sect. 34-X-1 and 2, Vermilion Co., to R. McCalman, Danville, $3,457. city paving Route 4, Sect. 30, to Edwardsville Constr. Co., Edwardsville, $9,801, Route 4, Sect. 30-W and 30-W-1, to H. A. Kribs, Edwardsville, $36,255, both Macoupin Co., and 6.69 mi. Route 20, Sect. 29-R, Cook Co., to States Impvt. Co., 160 North La Salle St., Chicago, $226,082; grading 0.73 mi. Route 2, Sect. 73-A, Lee Co., to H. Zolper & Sons, Mendota, $9,440. Grand total $285,035. Noted Sept. 16 and 30.

Ill., Cambridge—Grading, curbing and concrete paving 32 blocks various streets, to Central Eng. Co., Putnam Bldg., Davenport, Ia. Noted Mar. 25.

Ill., Chicago—Cook Co. Highway Dept., concrete paving 1.6 mi. Ashland Ave., to Mackler & Co., Chicago Heights, $99,200; 2.25 mi. Western Ave., to A. Ward & Son, Oak Glenn, $120,266; North Ave. in River Forest, to Standard Paving Co., 1101 South Cicero Ave., $26,159; and Lake-Cook Rd. from Green Bay to Sheridan Rd., to Gottschalk Constr. Co., Lansing, $22,761. Grand total $268,386. Noted Sept. 23.

Ill., Downers Grove — Grading, curbing, guttering, sidewalks and concrete paving 51,000 sq.yd. various streets, in Special Assessment Paving Project 109, to I. D. Lacy, Bloomington, $211,928.

Ill., Morris—Grading, curbing, guttering and 7 in. concrete paving 45,680 sq.yd. various streets, to H. A. Reschke Constr. Co., Geneseo, $138,640. Noted Oct. 7.

Ill., Grays Lake—Concrete paving 8,200 sq.yd. various streets to McGucken & Vander Heyden Co., 314 Fowler St., Milwaukee, Wis., $29,746. Engrs. est. $30,500. Noted Sept. 16.

Wisconsin — State Hy. Comn., Madison, graveling 4.5 mi. Federal Aid Project 212, Redfield Co., to V. Nelson, 2002 Maryland St., Superior, $24,994; and 0.8 mi. Federal Aid Project 377-D, Douglas Co., to J. W. Rundquist, Duluth, Minn. $10,129.

Ia., Des Moines—R. P. Dane, city clk., brick paving 9,625 sq.yd. 6th Ave., to Wright Constr. Co., Flynn Bldg., $30,511. Noted Sept. 16.

Ia., Forest City — Winnebago Co., to Ehling & Snyder, Charles City, improving County Road System and Primary Projects 120 and 397, 5,336 cu.yd. gravel 1 mi. haul at $0.40 and $0.55 per cu.yd., 37,840 cu.yd. ½ mi. haul $0.09, and 700 cu.yd. stripping $0.25.

Ia., Newton — Jasper Co., to L. W. Sparks, Lynnville, improving roads, 5,875 cu.yd. gravel 1 mi. haul at $0.30 and $0.34 per cu.yd., 12,250 units ½ mi. haul $0.08 and $0.09; to Flint Crushed Gravel Co., 408 6th St., Des Moines, 1,875 cu.yd. gravel f.o.b. Kellogg at $2.28, 1,250 cu.yd. f.o.b. Sully $2.28, and 875 cu.yd. f.o.b. Lynnville $2.28.

Ia., Primghar—O'Brien Co., to Van & Van, Hull, improving Secondary Road System, 12,360 cu.yd. gravel 1 mi. haul at $0.34 per cu.yd., 85,265 units ½ mi. haul $0.065 and $0.07, 4,000 cu.yd. stripping $0.19. Noted Sept. 23.

Ia., Spirit Lake — Dickinson Co., to Weaver & Weaver, Spirit Lake, improving Secondary Project 107, 8,000 cu.yd. gravel 1 mi. haul at $0.43 per cu.yd., 23,000 cu.yd. gravel ½ mi. haul $0.078, 4,000 cu.yd. stripping $0.20, etc. Noted Sept. 16.

Minn., Moorhead — For 7.5 in. concrete paving 12 blocks various streets, to J. S. Siverts Co., Hibbing, $40,160.

Kan., Lyons—Rice Co., concrete surfacing, etc. 3.034 mi. Federal Aid Project 330-B, and 1.388 mi. Sect. A above road, to M. R. Ammerman, 248 North Market St., Wichita, $41,372 and $35,987 respectively. Noted Sept. 2.

Kan., Phillipsburg—Phillips Co., to D. A. De Young, Prairie View, grading and culverts on Federal Aid Project 298-A $27,-433, and on Federal Aid Project 298-B $12,822; to Pioneer Bridge Co Glover Bldg., Kansas City, Mo., bridge at Sta. 96 plus 40, on Sect. above road $2,466, at Sta. 200 plus 70, same road $2,309, Bridge 3, on Sect. B $3,090 and Bridge 4, same road $4,227. Grand total $24,914. Noted Sept. 2.

Kan., Westmoreland—Pottawatomie Co., grading, and bridging 4.332 mi. Federal Aid Project 351-A, to Yancey Constr. Co., Abilene, $33,053 and $25,473 respectively. Noted Sept. 2.

Nebraska — State Hy. Comn., Lincoln, **(F. A. P. means Federal Aid Project)**, sand graveling F. A. P. 1388, Sarpy Co., to Wickham Bridge & Pipe Co., Council Bluffs, Ia., $29,767; 4.531 mi. F. A. P. 2228, Howard Co., to Central Bridge & Constr. Co., Wahoo, $11,742; and 3.998 mi. F. A. P. 295-A, Nance Co., to Western Bridge & Constr. Co., 748 Peters Trust Bldg., Omaha, $6,848. Grand total $48,357.

Neb., Minden—Vibrolithic concrete paving 16,200 sq.yd. Dist. 7, to Abel Bros., 318 Terminal Bldg., Lincoln, $44,810.

N. D., Lisbon — Ransom Co. **(F.A.P. means Federal Aid Project)**, graveling 10.006 mi. F.A.P. 122-A and B, 10.686 mi. F.A.P. 129 A and B, and 3.976 mi. F.A.P. 214, to Summit Constr. Co., Summit, S. D., $30,975.

Mo., Albany—For 6 in. rein.-con. paving, etc., 16,200 sq.yd. various streets, to M. W. Watson, 2312 Miller St., Topeka, Kan. This corrects report in Oct. 7 issue. Noted Oct. 7.

Mo., Unionville—Paving, etc. 13,590 sq.yd. Main St., to Reed & Wheelock, Clay Center, Kan., concrete $2.49 per sq.yd. vibrated concrete $2.50 and $2.54 per sq.yd. Noted Sept. 16.

Mo., St. Louis—Will repair wood block paving, also asphalt on concrete resurface Union and Skinker Blvds., De Baliviere and

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Streets and Roads (Continued)

Washington Sts., by day labor. $25,000-$30,000. J. Slater, City Hall, street comr.

Okla., Cordell — Grading and concrete paving 9,330 sq.yd. streets in Dist. 5, to R. H. Baldwin, 109 East Grand St., Ponca City, $25,964. Engrs. est. $27,261.

Utah—State Hy. Dept., Salt Lake City, graveling 4.09 mi. Federal Aid Project 610, to A. G. Young & Co., Richfield, $31,519; also bridge on Federal Aid Project 61-B, to W. W. Clyde, Springville, $9,176, both Sevier Co.

Washington—State Hy. Comn., Olympia, concrete paving, etc. 11,336 sq.yd. State Rd. 3, Benton Co., to Hardy & Richings, P. O. Box 33, Yakima, $28,242; grading, etc. 14,000 cu.yd. State Rd. 7, Lincoln Co., to Owens Bros., P. O. Box 651, Reardan, $12,900, and 24,000 cu.yd. State Rd. 12, Pacific Co., to J. Slotte & Co., 593 Bond St., Astoria, Ore. $51,492. Grand total $92,634. Noted Sept. 16.

Ore., Astoria—Comrs. Clatsop Co., constructing 1 mi. road paralleling Cannon Beach Highway, to Hazard & Underwood, Stevenson, Wash., $33,011.

California—State Hy. Comn., Sacramento, grading and concrete paving 1.6 mi. road through Tustin, Orange Co., to Griffith Co., Los Angeles Railway Bldg., Los Angeles, $61,210. Engrs. est. $71,873.

Calif., Glendale — Curbing, guttering, sidewalks and concrete paving 68,476 sq.ft. El Miradero Ave., etc., to C. Heuser, Glendale, $40,762.

Calif., Los Angeles — Concrete and asphaltic concrete paving, etc. Saticoy St. between Van Nuys Blvd. and Santa Ana Ave., to Gibbons & Reed, 2022 Glendale Blvd., $224,695.

Calif., Los Angeles — Concrete and asphaltic concrete paving, etc. Temple St. between Hoover and Beverly Blvds., to Warren Constr. Co., 2221 East 25th St., $28,907.

Calif., Los Angeles — Asphalt paving 106,408 sq.ft. Virgil Ave., to Warren Constr. Co., 2221 East 25th St., $38,077; improving 4th Ave. between 54th and Slauson Aves., to W. Liddington, 420 East 60th St. $37,-899, also 9th St., to H. E. Cox, 305 Slavin Bldg., Pasadena, $32,941. Noted Sept. 9.

Calif., San Diego—Grading, sidewalks, concrete curbing and 5 in. concrete paving 242,984 sq.ft. Coast Blvd., to B. Noble, Spreckles Bldg., $57,859. Noted Aug. 5.

Ont., Hamilton—City will pave with asphalt on concrete, etc. approximately 18,000 sq.yd. Kenilworth Ave., by day labor. $76,-670. W. L. McFaul, City Hall, engr.

Ont., Riverside—Concrete paving various streets, to Merlo, Merlo & Ray, Sandwich St., Ford City. Engrs. est. $55,000.

Ont., Thorold—J. C. Munro, city clk., concrete curbing, guttering, and sheet asphalt paving 19,000 sq.yd. various streets, to Dufferin Constr. Co., foot of Bathurst St., Toronto, $33,352. Engrs. est. $40,000.

Ont. Toronto—City Council, asphalt on concrete paving Geary and Sighthill Aves., to Godson Contg. Co., 203 Richmond St. W., $15,130; Glenmanor Dr., Bonfield and Selwood Aves., to Dufferin Constr. Co., foot of Bathurst St., $23,791.

S. A., Colombia, Antioquia—Government of Antioquia, constructing 300 km. Carretera al Mar-Highway to the Sea, from city of Medellin, here, to Atlantic Ocean, to R. W. Hebard & Co., Inc., 32 Bway., New York City, N. Y.

Buildings—Commercial

Proposed Work

Mass., Boston—BANK—Exchange Trust Co., J. J. Martin, pres., 1 Court St., having plans prepared by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., 3 story and basement, 50 x 100 ft., brick, limestone and steel, plain foundation, 167-175 Washington St. $300,000.

Mass., Brighton (Boston P. O.) — APARTMENT—H. K. Goldstein, 321 Summit Ave., having plans prepared by Winebaum & Wexler, 73 Cornhill, Boston, (4 units) 3 story and basement, 55 x 80 ft., brick, Mt. Rood Rd. $300,000.

Mass., Lawrence—STORE and APARTMENT—F. Lord, c/o Ashton, Huntress & Alter, archts., 477 Essex St., having plans prepared 3 story and basement, brick and stone, plain foundation, Margue St. $150,000.

Mass., Somerville (br. Boston)—Y. M. C. A., c/o E. W. Houghton, 37 Medford St., having revised plans prepared by W. Atherton, 15 Exchange St., Boston, (2nd unit), 4 story and basement, brick and stone, plain foundation, 101 Highland Ave. $175,000.

Conn., Middletown — BANK — Middletown Savings Bank, 100 Main St., having plans prepared by Hopkins & Dentz, archts., 415 Lexington Ave., New York City, and Davis & Walldorf, associated archts., 70 College St., New Haven, 4 story, steel, limestone and concrete bank. To exceed $150,000.

N. Y., Brooklyn—APARTMENT—J. F. I. Constr. Co., Inc., c/o A. J. Semberg, archt., 1133 Bway., New York City, having plans prepared 12 story, brick, steel and stone, Greene and Clinton Aves., here. $750,000.

N. Y., New York — APARTMENT — H. Mandel, c/o V. C. Farrar, 1 Park Ave., soon takes bids 20 story, 100 x 150 ft., brick, steel and stone, plain foundation, incl. 6 electric elevators, 109 East 50th St. $1,500,000.

N. Y., New York—APARTMENT—Tolosi Building Corp., c/o W. Koppe, archt., 565 East Tremont Ave., having plans prepared 6 story, brick, steel and stone, plain foundation, Hull Ave. $200,000.

N. Y., New York—APARTMENT—Tolsoi Constr. Co., c/o W. Koppe, archt. and engr., 565 East Tremont Ave., having plans prepared brick, steel and stone, plain foundation, Perry Ave. $200,000.

N. Y., New York—APARTMENT HOTEL—F. Leder, 188 Montague St., Brooklyn, having plans prepared by W. J. Hohauser, Inc., 1400 Bway., 15 story, brick, steel and stone, plain foundation, incl. 4 electric elevators, and steam heating system, West 45th St. $750,000.

N. Y., New York—APARTMENT—L. H. Realty Co., c/o I. L. Crausman, archt., 370 East 149th St., having plans prepared 6 story, brick, steel and stone, plain foundation, Longfellow Ave. $150,000.

N. Y., New York City—APARTMENT—Thirty West Ninetieth Street Corp., c/o Gronenberg & Leuchtag, archts. and engrs., 1385 Bway., having plans prepared 10 story, brick, steel and stone, plain foundation, 30 West 90th St. $600,000.

N. Y., New York—OFFICE—Consolidated Gas Co., Irving Pl., having plans prepared by T. E. Murray, engr. and archt., 55 Duane St., altering present 18 story and constructing 26 story, brick and steel addition, plain foundation, incl. 8 electric elevators and steam heating, Irving Pl. between 14th and 15th Sts. $6,000,000.

N. Y., New York—STORE, RESTAURANT and SWIMMING POOL—Rebcausee Realty Corp., c/o Moore & Landseidel, archts., 148th St. and 3rd Ave., having plans prepared brick, steel and stone, plain foundation, Jerome Ave. $300,000.

N. J., Camden — HOSPITAL — West Jersey Homeopathic Hospital, J. Scott, 537 South 2nd St., having plans prepared by Lackey & Hettle, archts., 5 Hudson Ave., 3 story and basement, 40 x 130 ft., brick and steel, plain foundation. Mt. Ephraim and Atlantic Sts.

Pa., Phila.—APARTMENT—E. L. Rothschild, archt., Bankers Trust Bldg., soon lets contract rein-con., brick, and steel, plain foundation, 47th and Aspen Sts., for S. L. Green, c/o architect. $175,000.

Pa., Phila.—BANK and OFFICE—Provident Trust Co., 400 Chestnut St., having plans prepared by Rankin & Kellogg, 1805 Walnut St., 14 story and basement, 50 x 75 ft., rein.-con., brick and steel, plain foundation, 17th and Chestnut Sts. $500,000.

N. C., Elizabeth City—HOTEL—Virginia Dare Community Hotel soon lets contract 9 story, 95 x 120 ft., brick and stone, plain foundation. $450,000. W. L. Stoddart, 50 East 41st St., New York City, archt.

Miss., Jackson—OFFICE—Capitol First Realty Co., c/o P. Chambers, takes bids about Oct. 20, 10 story, 75 x 117 ft., rein.-con., brick, stone and terra cotta, incl. 3 elevators, etc., Pearl and Southwest Sts. $450,000. Gardner & How, Porter Bldg., Memphis, Tenn., engrs. C. H. Lindsley, Lamar Life Bldg., archt. Noted Aug. 5.

La., Shreveport—MEDICAL ARTS—Benson Realty Co., Texas St. and Dallas Ave., having plans prepared by Lang & Witchell, Amer. Exch. Bldg., Dallas, Tex., 12 story and basement, rein.-con., brick, stone and steel, incl. heating system, elevators, Louisiana and Travis Sts. $1,000,000.

O., Canton—STORE—Stark Dry Goods Co. plans 106 x 200 ft., addition, East Tuscarawas and Piedmont Aves. $200,000.

O., Cincinnati — OFFICE — R. Sattler, Walsh Bldg., having plans prepared by Rending, Panzer & Martin, 609 Southern Ohio Bank, 6 story, 75 x 152 ft., rein.-con. and brick addition, McMillan St. $200,000.

O., Cleveland Heights (Warrensville P. O.)—APARTMENT—M. Rosen, 3278 East Berkshire Rd., had plans prepared 3 story and basement, 40 x 139 ft., brick and stone, incl. steam heating, and incinerator, 12485 Cedar Rd. $150,000. Private plans.

O., Massillon—BUSINESS—T. C. Davis takes bids in spring 75 x 130 ft. business block, East Main St. and Wales Rd.

O., Painesville—HOTEL—J. L. Cameron, archt., 2014 East 105th St., Cleveland, soon lets contract 4 story and basement, brick and concrete, incl. elevator, here. $200,000. Owner's name withheld.

Mich., Detroit—OFFICE—Comstock Investment Co., 1313 Dime Bank Bldg., having plans prepared by B. C. Wetzel & Co., 2317 Dime Bank Bldg., 30 story and basement, 100 x 200 ft., rein.-con. and steel, caisson foundation, incl. elevator, and steam heating system, Woodward and Jefferon Aves. $10,000,000. Noted Sept. 30.

Mich., Detroit—THEATRE and OFFICE—B. Cohen, 2615 Woodward Ave., had plans prepared by C. N. Agree, engr. and archt., 1133 Book Bldg., 4 story and part basement, 4,000 seating capacity, rein.-con.,

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DAM—GOLCONDA, ILL.

Bids were opened by U. S. Engineer Office, Louisville, Ky., for constructing Dam No. 51, Ohio River, and abutment at Golconda, (A) The Dravo Contracting Co., 302 Pennsylvania Ave., Pittsburgh; (B) The U. G. I. Contracting Co., 1401 Arch St., Phila.; (C) M. E. White Co., 1735 Fullerton Ave., Chicago. The unit bids are as follows:

	A	B	C
2,170.1 lin.ft. cofferdam for dam per lin.ft. of permanent work	$460.00	$300.00	$298.00
50,000 cu.yd. common excavation	.80	1.20	1.38
150 sq.ft. rock channeling	3.00	3.00	3.00
14 cu. yd. rock excavation	25.00	10.00	10.00
6,800 cu.yd. fill	1.50	1.00	2.00
27,000 cu.yd. riprap	8.00	7.00	6.50
18,300 cu.yd. derrick stone	8.50	7.50	5.50
84,060 lin.ft. round piles, timber	1.00	1.00	1.31
99,000 sq.ft. shoot piles	2.20	2.40	3.45
875 M. ft. b.m. common timber	160.00	125.00	125.00
452 M. ft. b.m. deck timber	180.00	150.00	130.00
47.5 M. ft. b.m. oak timber	450.00	200.00	200.00
21,500 cu.yd. concrete	22.00	15.00	15.00
817,000 lb. structural steel	.20	.14	.15
136,270 lb. reinforcing rods	.08	.07	.10
13,000 lb. forgings (including wrought iron)	.25	.20	.20
189,500 lb. bolts, etc.	.14	.15	.10
4,074 lb. rustless iron	1.00	.35	.60
308,000 lb. iron castings	.15	.14	.15
221,230 lb. steel castings	.40	.30	.30
1,824 lb. bronze	1.50	1.00	1.25
2,270 lin.ft. pipe, 3-in	4.50	3.00	3.00
Total of bids exclusive of wickets, horses and props	$2,794,190	$2,149,998	$2,249,139
Wickets, horses and props			
255,000 lb. structural steel		.13	.12
56,000 lb. bolts, etc.		.12	.10
702,000 lb. forgings		.13	.12
33,800 lb. steel castings		.25	.20
240 M. ft. b.m. oak timber			
Total		177,980	163,200
Grand total	$2,794,190	$2,327,978	$2,412,339

Buildings—Commercial (Continued)

brick and steel, plain foundation, incl. steam heating system, Fort and Ferdinand Sts. $1,500,000. Noted July 1.

Ill., Chicago—APARTMENT—Rosenthal, Mayer & Lewis, 77 West Washington St., having plans prepared by Olsen & Urbin, 134 North La Salle St., 15 story and basement, 100 x 185 ft., rein.-con., brick and stone, Surf St. and Commonwealth Ave. $2,000,000.

Ill., Harvey — HOTEL and STORE — W. Q. Bendus & Co., archts., 332 South Michigan Ave., Chicago, preparing plans and soon takes bids 7 story and basement, 100 x 172 ft., rein.-con., brick and stone, incl. 2 elevators, etc., Center Ave. near 153rd St., here, for Knights of Pythias. C. C. Pellerin, pres.

N. D., Devils Lake — COURT HOUSE — Election Nov. 2, $300,000 bonds, 3 story and basement, court house, for Ramsey Co. Engineer and architect not announced.

Tex., Amarillo—BANK, THEATRE and OFFICE—F. W. Frost (and associated) c/o City Natl. Bank Bldg., San Antonio having preliminary plans prepared 14 story and part basement, 100 x 140 ft., rein.-con. and brick, plain foundation, incl. 3 elevators. $1,250,000. Engineer and architect selected soon.

Tex., Beaumont—FIRE STATION—Election Oct. 16, $150,000 bonds, fire station. O. J. Bloyd, city mgr. Engineer and architect not selected.

Tex., Beaumont — OFFICE — Tisdale, Stone & Pinson Archts., Independent Bldg., Nashville, Tenn., prepared plans and soon takes bids 12 story, 75 x 120 ft., rein.-con., steel, brick and stone, incl. elevators, etc., Pearl and Crockett Sts., here, for J. F. Guudhue, Colder Rd.

Tex., Corsicana—HOTEL and OFFICE—L. T. Davis plans 7-10 story and basement, rein.-con., brick and stone, South 11th and West 6th Sts. $350,000. Engineer and architect not selected.

Tex., Dallas—OFFICE—W. M. Reilly, 501 Reiger St., having plans prepared by F. J. Woerner & Co., 503 Central Bank Bldg., 4 story and basement, 58 x 82 ft., brick, stone and steel, incl. elevator, plumbing, etc., San Jacinto and St. Paul Sts. $150,000.

Tex., Galveston—HOTEL—J. H. Langben, Guaranty Bldg., S. Moody, 2028 Ave. D, and associates, having plans prepared by A. Fraser, 633 Patterson Ave., Austin, 7-10 story, and basement, rein.-con. brick, and terra cotta, plain foundation, incl. elevators, plumbing, heating, etc. Ave. F and 21st St. $500,000. Noted July 15.

Tex., San Antonio—APARTMENT—Kelwood Co. (owners, engrs. and archts.), had preliminary plans prepared 10 story and basement, 54 x 154 ft., rein.-con., brick, tile, stone, stucco and plain foundation, incl. 2 or 3 elevators, Oakland and 4th Sts. $350,000. Work will probably be done by day labor.

Tex., San Antonio—CLUB, HOTEL and THEATRE—San Antonio Turn Verein had plans prepared by L. Harrington & Co., engrs. and archts., c/o Builders Exch. Bldg., and takes bids in March or April, 10 story and basement, 80 x 120 ft., rein.-con., brick, tile and stucco, plain foundation, incl. 4 elevators, Nacogdoches and Houston Sts. $1,000,000.

Tex., Wichita Falls — CITY HALL and AUDITORIUM—City, c/o W. E. McBroom, secy., plans rein.-con., brick and stone, 7th St. from Broad to Bluff Sts. $500,000. Engineer and architect not selected. Noted Sept. 16.

Calif., Fresno—GARAGE—J. W. Hunt, Cory Bldg., plans rein.-con. garage. $150,000.

Calif., Los Angeles — CLUB — Deauville City Club, Insurance Exch. Bldg., having preliminary plans prepared by Morgan, Walls & Clements, 1135 Van Nuys Bldg., 12 story and basement, 121 x 175 ft., rein.-con., 6th and Flower Sts. $1,500,000.

Calif., Los Angeles—CLUB—South California Athletic & Country Club having plans prepared by Meyer & Holler, engrs. and archts., Wright and Callendar Bldg., 13 story, 140 x 242 ft., rein.-con., Wilshire Blvd. between Coronado and Corondolet Sts. $3,000,000.

Calif., Los Angeles—HOTEL—Tosca Investment Co., H. Sugarman, pres., 1991 North Berendo St., having plans prepared by L. A. Smith, Film Exch. Bldg., 12 story and basement, 100 x 150 ft., rein.-con., 339 South Figueroa St. $750,000.

Calif., Oceanpark (Ind. Sta. Santa Monica)—CLUB—Ocean View Holding Co., H. C. Seymour, pres., Culver City, had plans prepared by A. G. Scholz, Culver Bldg., Culver City, 5 story and basement, 100 x 150 ft., rein.-con., brick and tile, incl. elevators, Ocean Front. $300,000.

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Calif., Redondo Beach — LODGE — Masonic Temple Assn. having plans prepared by Austin & Ashley, Chamber of Commerce Bldg., Los Angeles, and W. H. Austin, associated archt., Long Beach, rein.-con. lodge. $150,000.

B. C., Vancouver—AUDITORIUM—City plans auditorium. $1,000,000 to be raised by public subscription. Engineer and architect not selected.

B. C., Vancouver — HOTEL — Canadian Natl. Ry., Ottawa, Ont., soon takes new bids 12 story and 2 basements, 550 room, rein.-con. and steel, plain foundation, Georges St. $5,000,000. Former contract rescinded. Noted Sept. 2.

Bids Desired

Mass., Arlington (br. Boston) — HOSPITAL — Symmes Arlington Hospital, Summer St., taking bids 4 story and basement, brick and stone addition, plain foundation, Summer St. $150,000. Kendall, Taylor & Co., 142 Berkeley St., Boston, Archts. Noted Apr. 30.

Mass., Boston—SALES and SERVICE STATION—Pierce Arrow Co., 888 Commonwealth Ave., taking bids 3 story, 100 x 300 ft., rein.-con., brick and steel, plain foundation, Commonwealth Ave. and Alcorn St. $400,000. H. C. Cook, 408 Pearl St., Buffalo, N. Y., archt. Noted Sept. 30.

Mass., Brookline (br. Boston)—APARTMENT—J. F. and A. F. Rudnick, 333 Washington St., Boston, taking bids 3 story and basement, irregular shaped, brick and stone, plain foundation, Park St. $150,000. S. E. Moffie, 51 Cornhill, Boston, archt. Noted Sept. 2.

Mass., Everett (Boston P. O.)—APARTMENT—See "Contracts Awarded."

Mass., Revere—THEATRE and STORE—J. A. DiPesa, 20 Pemberton Sq., Boston, taking bids 1 story and basement, 145 x 210 ft., brick, stone and steel, plain foundation, Bway. $250,000. W. W. Drummey, 80 Boylston St., Boston, archt. $250,000.

Mass., Weymouth — THEATRE — A. L. McGrory, 15 Central St., taking bids 1 story and basement, brick and steel, plain foundation, Commercial St. $150,000. J. E. Kelly, 31 West St. Boston, archt.

N. Y., New York—APARTMENTS—See "Contracts Awarded."

O., Canton—GARAGE—Oct. 15, by C. H. Hoffman, Fulton Rd., East Canton, 1 story, 78 x 120 ft., South Cleveland Ave.

O., Columbus—WOMEN'S CLUB—Oct. 26, by Building Com. Columbus Federation of Women's Clubs and Richards, McCarty & Bulford, archts., 584 East Broad St., 4 story, 80 x 162 ft., steel, brick, stone, terra cotta, concrete and marble, incl. swimming pool, elevator, bowling alleys, etc., Tower and Front Sts., $250,000.

O., Lakewood (br. Cleveland)—STORE, GARAGE and APARTMENT—N. M. Berk, Leader Bldg., Cleveland, taking bids 3 story, 110 x 112 ft. and 59 x 64 ft., brick and timber, 14311 Madison Ave., here. $200,000. M. Weis, Union Bldg., Cleveland, archt.

Mich., Detroit—APARTMENT—Beckett & Akitt, archts., 73 Monroe Ave., taking bids 4 story and basement, 60 x 165 ft., rein.-con., brick and steel, plain foundation, incl. elevator and steam heating system, Agnes Ave., for F. Pauli, c/o architects. $150,000.

Mich., Detroit—POLICE STATION—Oct. 20, by W. P. Rutledge, comr. Dept. Police, Police Headquarters, 2 story and basement, rein.-con., brick and steel, plain foundation, incl. steam heating system, Coolidge Highway. $150,000. Carey & Esselstyn, 600 Hoffman Bldg., archts.

Mich., Detroit — POLICE STATION — Oct. 20, by W. P. Rutledge, comr. Police Dept., Police Headquarters, 3 story, rein.-con., brick and steel, plain foundation, incl. elevator, and steam heating system, Gratiot and Connors Aves. $150,000. Mueller & Shorn, 1510 Stroh Bldg., archts.

Mich., Detroit—THEATRE and OFFICE—C. Howard Crane, archt., 543 Griswold St., taking bids and open same about Oct. 20, 19 story and basement, rein.-con., brick and steel, plain foundation, incl. elevators, steam heating system, Woodward Ave., for W. Fox,. c/o architects. Noted Feb. 4.

Wis., Madison—THEATRE and OFFICE—Oct. 21, by C. W. and G. I. Rapp, archts., 190 North State St., Chicago, Ill., 3 story and basement, 120 x 132 ft., rein.-con., brick and terra cotta, plain foundation, State St., here, for New Capitol Investment Co., O. Brachman, secy., 530 Grand Ave. $700,000. Noted Sept. 2.

Tex., Abilene—HOTEL—D. S. Castle Co., archts. and engrs., 701-4 Alexander Bldg., taking bids and open same about Oct. 10, 9 story and basement, rein.-con., brick, tile, Indiana limestone and cast stone, plain foundation, incl. 2 passenger and 1 freight elevators, for Abilene Hotel Co. $400,000. Noted Sept. 30.

Calif., Los Angeles—APARTMENT—W. G. McCarty, 1412 Wilshire Blvd., taking bids 6 story, 135 x 250 ft., rein.-con., steel, brick, tile, marble and terra cotta, incl. 4 elevators and steam heating, Wilshire Blvd., Speedway and Rodeo Dr. $1,250,000. Walker & Eisen, Western Pacific Bldg., archts.

B. C., Victoria—HOSPITAL, etc.—Oct. 26, by C. E. Watkins, archt. Green Blk. Bldg., 4 and 5 story and basement, 54 x 265 ft., concrete, brick and stone, incl. elevator, and new power house, for St. Josephs Hospital. $300,000. Noted Oct. 29.

Bids Received

Calif., Los Angeles—WAREHOUSE—Los Angeles Bd. Educ., 8 story and basement, 135 x 166 ft., rein.-con. and steel, incl. freight elevator and gas heating, 1445 South San Pedro St., from Darrell-Condley Co., 112 West 9th St., $147,324. Noted Oct. 7.

Contracts Awarded

Mass., Boston—THEATRE—B. F. Keith Theatres, Bway. and 7th St. New York City, N. Y., 4 story and basement, 145 x 215 ft., limestone, brick and steel, Washington St., to L. P. Soule & Son, 80 Boylston St. Noted Sept. 16.

Mass., Everett (Boston P. O.)—APARTMENT—E. Card, 79 Linden St., will build 3 story and basement, brick and stone, plain foundation, Linden St., by day labor. $150,000. H. L. Kennedy, 80 Boylston St., Boston, archt.

Mass., Springfield — OFFICE — Young Realty Co., Temple St., 6 Story and basement, 83 x 150 ft., brick and steel, incl. elevators, lighting, etc., Dwight St., to E. F. Carlson Co., 244 Main St. Archts. est. $450,000.

R. I., Providence—STORE and OFFICE—R. J. Dunn, c/o H. R. Hunt, archt., 3 story and basement, brick and stone, plain foundation, Richmond and Pine Sts., to C. B. Maguire Co., Grosvenor Bldg. Archts. est. $150,000.

N. Y., New York—APARTMENTS—S. J. Kessler, 529 Courtland Ave., will build three 7 story, brick, steel and stone apartments, incl. 2 electric elevators and steam heating. $350,000. Work will be done by separate contracts.

N. J., Elizabeth — THEATRE — James Falls Realty Co., 2 story, brick and stone, Stuyvesant Ave., to Oschwald & Schmitt, 972 Broad St., Newark. Archts. est. $200,000.

N. J., Jersey City—APARTMENT—B. Carminsky, c/o Shape, Bready & Peterkin, engrs. and archts., 285 Madison Ave., New York City, 5 story, brick, steel and stone, plain foundation, Hudson Co. Blvd., here, to Deakman Wells Co., 921 Bergen Ave. Archts. est. $750,000.

Pa., Phila.—DISPLAY and OFFICE—R. B. Bencker, archt., 13th and Chestnut Sts., 2 story and basement, 42 x 115 ft., rein.-con., brick and steel, plain foundation, 1301-7 Locust St., to E. H. Keefer & Son, 1321 Rodman St., for J. Bernhard, 13th and Chestnut Sts. Noted Sept. 30.

Ala., Birmingham — STORE — Miller & Martin, archts., Title Bldg., 3 story, 75 x 160 ft., rein.-con., 3rd Ave. N. and 20th St., to A. C. Samford, 24 Gelena Ave., Montgomery, for G. G. Crawford, et al, B. M. Bldg., $400,000. Noted Sept. 16.

La., Lake Charles — OFFICE — W. P. Weber, et al, 623 Pujo St., 6 story and basement, rein.-con., brick and stone, Ryan St. near Pujo St., to McDaniel & Hartford, 506 Kyle Bldg., Beaumont, Tex., approximately $400,000. Noted Sept. 16.

O., Cincinnati—OFFICE—Rudolph Sattler Co., Walsh Bldg., general contract 2 story and basement, 75 x 152 ft., rein.-con. and brick, McMillan St., to D. Meinken & Son, Barnard St., $100,000.

O., East Cleveland (br. Cleveland)—STORE and APARTMENT—Eddy Rd. Euclid Co., c/o L. B. Koblitz, 1022 Leader Bldg., Cleveland, 4 story and basement, 133 x 204 ft., brick, concrete and steel, incl. incinerator, electric refrigerators, 13741 Euclid Ave., to Gometz & Neshkes, 2233 East 89th St. Cleveland. Archts. est. $300,000.

O., Lakewood (br. Cleveland)—STORAGE WAREHOUSE—Lakewood Fireproof Storage Co., J. J. Gund, pres., 14401 Detroit Ave., 6 story and basement, 55 x 60 ft., brick and concrete addition, Detroit and Lincoln Aves., to G. A. Rutherford Co., 2725 Prospect Ave., Cleveland. Archts. est. $150,000. Noted Mar. 11.

Ill., Chicago—APARTMENT HOTEL—B. Ediden, 2151 Spalding Ave., masonry contract 48 x 141 ft., brick, 2600-02 Logan Sq., to N. T. Boyle Co., 105 Monroe St. Archts. est. $250,000.

Ill., Chicago — APARTMENT — A. H. Quitsow, archt., 11 South La Salle St., masonry contract 3 story and basement,

Buildings—Commercial (Continued)

89½ x 146 ft., brick and steel, Thome and Hermitage Aves., to J. Anderson, 4753 Bway., for Shoenlank & Kirschner, 4753 Bway. Archts. est. $240,000.

Ill., Chicago — BANK and OFFICE — State Bank of Chicago, 133 West Washington St., general contract 22 story and basement; 187 x 188 ft., LaSalle and Monroe Sts., to Lanquist Constr. Co., 1100 North Clark St. Archts. est. $3,000,000.

Ill., Chicago — THEATRE, HOTEL and STORE—A. Karsas, 32 West Randolph St., general contract New Woodlawn, 12 story and basement, 275 x 275 ft., theatre, hotel and store building, 63rd St., Maryland Ave. and Drexel Blvd., to Longacre Constr. Co., 127 North Dearborn St. Archts. est. $5,000,000. Noted Aug. 26.

Ill., Decatur—OFFICE—See "Buildings—Industrial."

Ill., Glen Ellyn—BANK and OFFICE—Glen Ellyn State Bank, masonry and carpentry contract 3 story and basement, 86 x 100 ft., brick, stone and limestone, to McCarthy Bros., West Washington St.; plumbing, to E. E. Weisbrook, Glen Ellyn; vapor heating, to F. G. Orsinger, Glen Ellyn.

Wis., Milwaukee — THEATRE and BUSINESS—C. W. and G. L. Rapp, archts., 190 North State St., Chicago, Ill., 3 story, 90 x 290 ft., rein.-con., brick and terra cotta, plain foundation, 49th St. and Lisbon Ave., to S. M. Siesel Co., 160 Ogden Ave., for Saxe Amusement Enterprises, 530 Grand Ave. Noted Sept. 16.

Mo., St. Louis — EXCHANGE — Southwestern Bell Telephone Co., Boatmens Bank Bldg., 2 story and basement, 110 x 157 ft., rein.-con., brick and stone, Natural Bridge and Hamilton Sts., to W. H. Smith-Nelson Cunliff Co., 110 North 7th St. Archts. est. $200,000. Noted Aug. 12.

Tex., Amarillo — EXCHANGE — South West Bell Telephone Co., c/o F. W. Yensen, building supt., Fidelity Union Bldg., Dallas, 2 story and basement, 100 x 140 ft., brick and steel, incl. elevator, heating and plumbing, 9th and Taylor Sts., here, to Gilsonite Contg. Co., Athletic Club Bldg., Dallas, $250,000.

Tex., San Antonio—OFFICE—Natl. Bank of Commerce, Soledad and Commerce Sts., 5 story, 70 x 120 ft., rein.-con., brick and stone top addition, to Sumner-Sollitt Co., c/o Natl. Bank of Commerce Bldg., $190,000.

Calif., Los Angeles—APARTMENT—J. Oberwise & Co., archts., 2108 West 29th St., 5 story and basement, 61 x 126 ft., brick and steel, incl. 1 elevator and steam heating, 6th St. and Loma Dr., to J. Oberwise & Co., 2108 West 29th St., $150,000. Owner's name withheld.

Calif., Los Angeles—STORE and OFFICE—Title Insurance & Trust Co., 12 story and basement, 155 x 158 ft., brick and steel, Spring St., to Scofield Eng. Constr. Co., Pacific Finance Bldg., approximately $1,500,000.

Calif., San Diego—APARTMENT—R. T. Robinson, 12 story and basement, 80 x 135 ft., brick, stone, tile and marble, incl. electric elevators and steam heating, San Diego St., to W. Simpson Constr. Co., Bank of Italy Bldg., $800,000. Noted Sept. 9.

Calif., San Francisco—HOSPITAL—St. Joseph's Hospital, Buena Vista Ave., 6 story and basement, Class "A" Buena Vista Ave., to G. Wagner, 181 South Park St., $650,000. Noted Apr. 9.

Buildings—Industrial

Proposed Work

Mass., Malden (Boston P. O.)—REPAIR and SERVICE GARAGE—L. M. Fowler, 424 Pleasant St., having plans prepared by A. O. Bottomley, 10 Tremont St., Boston, 1 story, 65 x 85 ft., rein.-con. and brick, plain foundation, Pleasant St. $40,000.

N. Y., Buffalo — RUBBER PLANT — Robins Conveying Belt Co., 15 Park Row, New York City, purchased plant of Hewitt Rubber Co., Kensington Ave., here, and plans additions to same. To exceed $300,000.

N. Y., Buffalo—SERVICE STATION—Kushin & Konikoff, 45 Allen St., plans rein.-con. and steel, Delaware Ave. $60,000.

N. Y., Brooklyn — REPAIR SHOP and GARAGE — Packard Motor Car Co., Bway. and 61st St., New York City, having plans prepared by E. D. Holmgren, 371 Fulton St., 2 story, rein.-con., brick and steel addition, plain foundation, Atlantic Ave., here. $80,000.

Pa., Darlington — FIREPROOFING PLANT—Darlington Fireproofing Co. plans 1,320 ft. fireproofing plant. $100,000.

Pa., Scranton—PLANT—F. Wesel Mfg. Co., 70-72 Cranberry St., Brooklyn, N. Y., having plans prepared by Lockwood Greene & Co., archts. and engrs., 100 East 42nd St., New York City, N. Y., 1 story, 200 x 500 ft., rein.-con., brick and steel, plain foundation, here. $75,000.

Pa., Franklin—MACHINE SHOP—Chicago Pneumatic Tool Co., having preliminary plans prepared 1 story, 47 x 352 ft., brick and steel addition, Howard St. $100,000. Private plans.

Pa., Phila.—CLEANING and DYEING—Betzold Bros., 2nd and Glenwood Sts., having plans prepared by S. Kaplan, 10 South 18th St., 1 and 2 story, irregular shaped, rein.-con. and brick, plain foundation.

Tennessee — POWER PLANT, etc. — Southern Cities Power Co., Provident Life Bldg., Chattanooga, having plans prepared 2 brick hydro-electric power plants and dams over Duck River, one near Lewisburg and other near Shelbyville. To exceed $40,000. Hart, Freeland & Roberts, Independent Bldg., Nashville, engrs.

Ind., Indianapolis — FACTORY — Bowes Seal Fast Corp., general contract 2 story and basement, 47 x 190 ft., brick and steel, incl. steam heating, to Ostrom Realty & Constr. Co., Peoples Bank Bldg. Archts. est. $40,000.

Ind., Indianapolis — WAREHOUSE — Phoenix Lumber Co., C. E. Connor, pres., 1414 Sheldon St., having plans prepared

Asbestos Products
Ash handling
Asphalt
Batch boxes
Bins
Blocks and Tackle
Boilers
Brick
Buckets
Cableways
Carts
Cement
Chain
Compositions
Compressors
Conveyors
Cranes
Crushers
Derricks
Ditching Machinery
Draglines
Dredges
Drills
Drums
Engines
Excavators
Forms
Graders
Hammers
Hoists
Jacks
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Buildings—Industrial (Continued)

1 story, 90 x 200 ft., rein.-con., brick and steel, 1315 North Capitol Ave. $60,000. Private plans.

Ind., Indianapolis—FACTORY—Jessup & Antrim, 713 North Illinois St., having plans prepared by F. Brubaker, 1041 West 25th St., concrete, brick and steel addition, incl. steam heating system. $70,000.

Ill., Chicago — FACTORY — A. S. Alschuler, archt., 28 East Jackson Blvd., soon takes bids 3 story, 100 x 135 ft., brick and stone addition, 4340 West Lake St., for Sloan Valve Co., 4300 West Lake St. $100,000.

Wis., Fond du Lac—FACTORY—Canvas Products Corp., 19 East McWilliams St., plans 1 story, 60 x 130 ft. addition, plain foundation. $40,000. Engineer and architect not selected.

Wis., Park Falls — HYDRO-ELECTRIC PLANT—Mead & Seastone, engrs., Journal Bldg., Madison, preparing plans rein.-con., brick and steel hydro-electric plant on Flambeau River. Owner's name withheld.

Tex., El Paso—CREAMERY PLANT—A. G. Marshall, Green Bay, Wis., plans creamery plant, 3800 Rosa St., here, operated under name of Border Creamery Co. Private plans.

Okla., Ponca City—BONE BURNER PLANT — Empire Gas & Fuel Co. plans fireproof building. $65,000.

N. M., Alamogordo—SAW MILL, etc.—Greece Lumber Co., Albuquerque, takes bids after Oct. 15, 160 x 360 ft. box plant, 48 x 107 ft. band mill, 50 x 100 ft. reclaiming plant, 700 x 700 ft. sheds, 300 x 600 ft. pond, and 1 mi. spur and standard trackage, yard, etc. $100,000. Private plans.

B. C., Prince George—PULP and PAPER MILL—Prince George Pulp & Paper Co., Ltd., Vancouver, plans new pulp and paper mill, here. $3,000,000.

Bids Desired

Mass., Lawrence — FACTORY — J. W. Bolton & Son, Inc 9 Osgood St., taking bids 2 story, irregular shaped, rein.-con. and brick, plain foundation, Osgood and Market Sts. $40,000 or more. Ashton, Huntress & Alter, 477 Essex St., archts.

Mass., Lynn — MANUFACTURING — Thomson Electric Welding Co., 161 Pleasant St., taking bids 1 story, rein.-con. and brick, plain foundation, Pleasant St. $40,000. Haven & Hopkins, 11 Beacon St., Boston, engrs.

Mass., Waverley (Boston P. O.)—REPAIR and SERVICE GARAGE—S. Stewart, 145 Beech St., taking bids 1 story and basement, 55 x 65 ft., brick and steel, plain foundation, Trapelo Rd. $40,000. H. T. Underwood, 46 Cornhill, Boston, archt.

Pa., Oil City—WAREHOUSE—See "Contracts Awarded."

Miss., Pascagoula — ICE PLANT — See "Contracts Awarded."

Ind., Indianapolis — DRY CLEANING PLANT—Fashion Dry Cleaners, 1901 Central Ave., taking bids 1 story and basement, 40 x 122 ft., brick, steel, stone and stucco, incl. steam heating system. $45,000. Doeppers & Lennox, 226 East Michigan Ave., archts.

Ind., Anderson—FACTORY—E. F. Miller, archt., Anderson, taking bids 1 story, 80 x 200 ft., rein.-con., plain foundation, North Anderson St., for Ames Shovel & Tool Co., North Anderson. $40,000.

Ind., Lafayette—FACTORY—Rose Gear & Tool Co., 8th and Heath Sts., taking bids 1 story, 55 x 100 ft., rein.-con., brick and steel factory. $60,000. W. Scholer, Lafayette, archt.

Ind., Peru—MACHINE SHOP, GARAGE and SALESROOM—J. Miller, taking bids 1 story and basement, 45 x 132 ft., rein.-con., brick and steel machine shop, garage and salesroom. $40,000. O. F. Cook, Kokomo, archt. Willis Knight Agency, 21 Main St., lessee.

B. C., Victoria—POWER HOUSE—See "Buildings—Commercial."

Contracts Awarded

Mass., Cambridge (Boston P. O.) — GARAGE and REPAIR SHOP—Houghton & Dutton Co., 55 Tremont St., Boston, 1 story, brick addition, Main St., here, to S. S. Sperry Co., 238 Main St. Archts. est. $40,000.

Mass., Quincy (Boston P. O.) — MACHINE SHOP—Matheson Machine Shop, Water St., 1 story, 40 x 100 ft., and 20 x 50 ft., rein.-con. and brick, plain foundation, Water St., to B. Weston, Hull.

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N. Y., Jamaica—SERVICE and REPAIR GARAGE—Studebaker Corp. of America, 2040 Bway., New York City, 3 story, 100 x 210 ft., rein.-con., brick and steel, plain foundation, here, to R. Sollitt Constr. Co., South Bend, Ind. Archts. est. $250,000.

Pa., McKeesport—FACTORY—Columbia Fdry. Co., 1 story, 80 x 80 ft. and 20 x 120 ft., steel and concrete additions, Walnut St., to P. L. Fleckenstein, 1300 Grandview Ave. Archts. est. $40,000.

Pa., Oil City—WAREHOUSE—Oil Well Supply Co. will build 1 story, 44 x 248 ft., brick, steel and concrete, Colbert Ave. $40,000. Work will be done by separate contracts. Private plans.

Pa., Pittsburgh—ENGINE HOUSE, etc. —Pennsylvania R.R. Co., Broad St. Sta., Phila., 1 story, 37 x 160 ft., concrete, brick and steel addition, Marquis Ave., here, to J. F. Casey Co., Aspinwall. Engrs. est. $80,000.

Pa., Rouseville — FACTORY — Pennzoil Co., 1 story, 48 x 100 ft., brick and steel addition, to Rust Eng. Co., 311 Ross St., Pittsburgh. Archts. est. $40,000.

Miss., Pascagoula — ICE PLANT — Mississippi Ice & Utilities Co. will build 1 story, 47 x 48 ft., rein.-con. and brick addition, by day labor. $40,000.

La., Shreveport—LAUNDRY—A. F. Larver & R. B. Nelson, 1 story, 60 x 100 ft., rein.-con. and brick, Marshall and 6th Sts., incl. plumbing, etc., to H. Cleveland, Shreveport, $70,000 cost plus percentage basis.

Tenn., Columbia — POWER PLANT — Southern Cities Power Co., Shelbyville, brick power house and dam on Duck River, here, to Gould Contg. Co., Independent Life Bldg., Nashville, approximately $50,000. Engrs. est. $75,000.

O., Cleveland—FOUNDRY—Forest City Fdry. Co., 1200 Main Ave., 1 story, 60 x 152 ft., brick and steel, Maywood Ave., to H. G. Slatmyer & Son Constr. Co., 213 Lakeside Ave. Archts. est. $50,000. Noted Oct. 7.

O., Cleveland—FACTORY—Leece-Neville Co., 5363 Hamilton Ave., 1 story, 43 x 100 ft., brick and steel addition, to Natl. Concrete Fireproofing Co., Union Mortgage Bldg. Archts. est. $40,000. Noted Oct. 7.

O., Fostoria—PLANT—Natl. Carbon Co., Inc., 30 East 42nd St., New York City, 1 to 5 story, brick, steel and concrete additions here, to Stone & Webster, 147 Milk St., Boston, Mass. Archts. est. $1,000,000. Noted Aug. 19.

Ind., Gary — GARAGE and REPAIR SHOPS — V. Pizarski, 1701 Bway., general contract 2 story, 74 x 120 ft., to L. Pizarski, 1516 Delaware St., $45,000.

Ind., Indianapolis — FACTORY and WAREHOUSE — A. Stalnaker, c/o F. S. Cannon, archt., 2[illegible] Virginia Ave., general contract 4 story, [illegible] x 195 ft. factory and warehouse, South Meridian St., to Thompson & Binger, 922 Hume-Mansur Bldg., $60,000. Hide Leather & Belting Co., 227 South Meridian St., lessee.

Ill., Chicago—FACTORY—R. G. Regan, 2320 Milwaukee Ave., masonry contract 1½ story, 133 x 192 ft., brick, to W. Thompson, 1757 North Keeler Ave., $40,000.

Ill., Decatur — RECLAMATION PLANT and OFFICE — Wabash R.R. Co. Ry. Exch. Bldg., St. Louis, Mo., R. H. Howard, ch. engr., 1 story, 50 x 150 ft., concrete and brick addition to reclamation plant, to G. A. Moeller, Decatur, engrs. est $50,000; and 3 story and basement, 68 x 160 ft. concrete and brick office building, to Cope & Fisher, Decatur, engrs. est. $160,000. Noted Sept. 9.

Ill., Peoria—AUTOMOBILE SERVICE—Chevrolet Motor Sales Co., 205 Underhill Ave., 1 story and part basement, 80 x 170 ft., brick and steel, Underhill St., to F. Herbers Sons, Central Natl. Bank Bldg. Archts. est. $45,000.

Ia., Davenport — MILL — Western Flour Mills Co. 803 East River St., c/o W. G. Gordon, 58 x 110 ft., rein.-con. addition, 100 ft. high, incl. 35 bins, 500,000 bu. grain capacity, to Jones-Hettelsater Constr. Co., 708 Mutual Bldg., Kansas City, Mo.

Kan., Coffeyville — FREIGHT HOUSE, etc.—Missouri-Pacific R.R. Co., Ry. Exch. Bldg., St. Louis, Mo., E. A. Hadley, ch. engr., general contract 2 story, 40 x 72 ft. office building, and 1 story, 40 x 150 ft. freight house, concrete, brick, stone and terra cotta, here, to S. M. Bate & Co., 440 Ry. Exch. Bldg., Kansas City, Mo. Division forces will install necessary side-tracks, etc. Total $110,000. Noted Aug. 19.

Mo., St. Louis — AUTO SALES and SERVICE — North Star Realty Co., 1400 South 2nd St., 2 story and basement, 50 x 123 ft., brick and concrete, 2625-27 Locust St., to McKelvey Constr. Co., Title Guaranty Bldg.

Mo., St. Louis—PACKING HOUSE—Swift & Co., Packers and Exchange Aves., Chicago, Ill., 2 story and basement, 60 x 100 ft., rein.-con. and brick addition, Vandeventer and Papin Sts., here, to Kellermann Contg. Co., 422 Victoria Bldg.

Tex., Mercedes — BAKERY — Mercedes Bakery Co., 1 story, 25 x 140 ft., rein.-con. and brick, to O. E. Van Berg, Mercedes, $40,000 cost plus percentage basis.

Tex., Ft. Worth—FEEDING HOUSE—Ft. Worth Poultry & Eng. Co., c/o J. Collier, 1607 Commerce St., 1 story, 130 x 140 ft., brick and stone, 605 East 9th St., to T. S. Byrne, 504 Ft. Worth Natl. Bank Bldg., $50,000 cost plus percentage basis.

Tex., Houston—BAKERY—Texas Bread Co., c/o H. W. Studde, 113-19 Taylor St., 1 story, 112 x 125 ft., rein.-con. and brick addition, Sawyer St., and Houston & Texas Central tracks., to L. B. Hubbard Constr. Co., 736 Bankers Mortgage Bldg., $32,998.

Calif., Long Beach—BAKERY—Suydam Baking Co., 1601-17 West 14th St., 2 story, 120 x 125 ft., brick, concrete and tile, Canal and 14th Sts., to W. E. Allen, Markwell Bldg., $60,000. Noted Sept. 30.

Buildings—Educational, Religious

Proposed Work

Mass., Cambridge (Boston P. O.) — SCHOOL — St. Peters Roman Catholic Church, P. H. Callahan, pastor, 31 Buckingham St., having plans prepared by W. P. Colleary, 80 Boylston St., Boston, 3 story and basement, 80 x 180 ft., brick and steel, plain foundation, Buckingham St. $200,000.

R. I., Cranston (mail Providence) — SCHOOL—City, School Dept., J. K. Penner, supt., plans elementary school, Gansett St., $500,000. Engineer and architect not selected.

Pa., Phila.—COLLEGE—Womens College of Phila., c/o J. Starr, 23rd St. and College Ave., purchased 9.5 acre tract, and having plans prepared by Ritter & Shay, Packard Bldg., for Womens College, 33rd St. and Abbottford Ave.

N. C., Asheville — SCHOOLS — Voted $1,500,000 bonds new schools. J. H. Cathey, mayor. Noted Sept. 9.

La., Shreveport—SCHOOL—M. E. Dodd Foundation Fund, c/o M. E. Dodd, First Baptist Congregation, takes bids in December (1st unit) 3.5 story and basement, 65 x 250 ft., rein.-con., brick and stucco administration building for girls school, in South Highland Suburb. $200,000. C. W. King, 901 Giddens-Lane Bldg., archt.

O., Toledo — CHURCH — A. F. Herman, archt., 710 Owen Bldg., Detroit, Mich., takes bids about Oct. 15, 2 story and basement, brick and steel, plain foundation, incl. steam heating, boiler and equipment, etc., here, for St. Adaberts Church. $150,000.

Mich., Detroit — CHURCH — Owner, c/o Donaldson & Meier, archts., Penobscot Bldg., having plans prepared 2 story and basement, 60 x 140 ft., rein.-con., brick and steel, plain foundation, incl. steam heating system. $400,000.

Wis., Kiel—SCHOOL—Joint School Dist. 1, C. F. Reineking, clk., plans 2 story and basement, brick and tile, plain foundation, here. $150,000. Engineer and architect not selected.

Tex., Amarillo — CHURCH — Polk St. Methodist Congregation, c/o L. N. Stuckey, pastor, 800 Polk St., plans rein.-con. brick and steel, 14th and Polk Sts. $250,000.

Calif., Los Angeles — CHURCH — First Unitarian Church having plans prepared by Allison & Allison, 1005 Hibernian Bldg., 3 story and basement, 115 x 150 ft., rein.-con., stone and stucco, 8th St. between Vermont and Westmoreland Aves. $200,000.

Calif., Martinez—SCHOOL and KINDERGARDEN—Plans election $200,000 bonds, grammar schools and kindergarten buildings, for Martinez School Dist. Stone & Werner, 337 17th St., Oakland, archts.

Bids Desired

Conn., Norwichtown (Ind. br. Norwich) —SCHOOL—Oct. 23, by City of Norwich. W. F. Lester, chn., 2 story and basement, 120 x 160 ft., brick and steel school and auditorium, here. $225,000. School Plan Serv. Bureau, 363 Main St., Middletown, archt. Chandler & Palmer, Thayer Bldg., Norwich, engrs. Noted Sept. 2.

Buildings—Educational, Religious (Cont.)

N. J., Union — SCHOOL — Nov. 4, by Bd. Educ., brick, steel and stone, plain foundation. $600,000. J. D. Lugosch, Bline Ave., archt.

Fla., Gainesville—HIGH SCHOOL—Oct. 21, by Edward & Sayward, archts., 101 Marietta St., Atlanta, Ga., Junior High School, here, for Bd. Educ. $450,000.

Ind., Indianapolis — SCHOOL — Oct. 19, by School Comrs., 150 North Meridian St., Grade School 37, rein.-con., brick and steel, 25th and Keystone Sts. $200,000. C. Ammerman, 925 Continental Bank Bldg., engr. R. F. Daggett, 922 Continental Bank Bldg., archt.

Wis., Racine—SCHOOL—Oct. 26, by Bd. Educ., A. H. Schaefer, secy., 3 story and basement, rein.-con. and brick school, incl. gymnasium, steam heating, etc. $550,000. Croft & Boerner, 1004 Marquette Ave., Minneapolis, Minn., archts. Noted Sept. 16.

Tex., Sherman — ADMINISTRATION — Clyce & Rolfe, archts., Commercial Bank Bldg., taking bids 2 story, 50 x 200 ft., rein.-con., brick and stone, incl. heating and plumbing, for Austin College, c/o T. S. Clyce, pres. $175,000. Joor Eng. Co., 602 Slaughter Bldg., Dallas, structural engr.

Calif., Los Angeles—SCHOOL—Oct. 20, by Bd. Educ., 2 story, 130 x 195 ft., concrete, South San Pedro St., for Los Angeles School Dist. Noted June 3.

Bids Received

Mass., Boston — SCHOOL — Schoolhouse Dept., City Hall, Oct. 1, Continuation School, Boys Unit, 6 story and basement, irregular shaped, brick and limestone, Warrenton St., from J. Rugo, 80 Boylston St., $585,000. Noted Sept. 30.

N. J., Nutley — SCHOOL — Bd. Educ., Park School Bldg., Franklin Ave., Oct. 8, 2 story and basement, 80 x 190 ft. addition to Spring Garden School, South Spring Garden Ave., from F. and C. Haerter, 769 Dewey Ave., West New York. Archts. est. $150,000. Noted Sept. 30.

Pa., Phila.—SCHOOL—Bd. Educ., J. D. Cassell, supt. buildings, 3 story and basement, 114 x 136 ft., rein.-con. and steel, plain foundation, Baltimore and Thomas Sts., from McCloskey Co., 1620 Thompson St., $368,863; and heating, from McClintock & Co., 5608 Race St., $33,785.

Contracts Awarded

N. J., Camden—SCHOOL—Bd. Educ., City Hall, general contract 2 story and basement, 138 x 161 ft., 8th and Jackson Sts., to G. Bachman, 19 North 30th St., $212,938; heating, to H. Knecht, West Collingswood, $30,349. Noted Sept. 30.

N. J., Dover — SCHOOL — Bd. Educ. Special School Dist., Dover High School Bldg., Academy St. School, to David B. Roberts Co., 1480 Bway., New York City, N. Y. Noted Sept. 16.

Ill., La Salle — HIGH SCHOOL — Bd. Educ., general contract 3 story and basement, 70 x 150 x 210 ft., brick and stone, to Moroff & Son, Kankakee. Archts. est. $600,000.

Ill., La Grange — SCHOOL — J. C. Llewellyn Co archts., 38 South Dearborn St., Chicago, masonry and carpentry contract 4 story, 180 x 180 ft., brick and stone addition, here, to Bergstad Constr. Co., Moline, for Bd. Educ. Lyons Twp. High School. Archts. est. $500,000. Noted Aug. 26.

Calif., Los Angeles—HIGH SCHOOL—Bd. Educ., Luther Burbank Junior High School, 2 story, 60 x 140 ft. auditorium, 1 story, 60 x 160 ft. classroom, 35 x 90 ft. manual arts building, and 60 x 150 ft. shop and economics building, rein.-con., brick, tile, terra cotta, and marble, incl. steam heating, Meridian St. and Annadale Blvd., to Salih Bros., Detwiler Bldg., $257,500. Noted Sept. 30.

Federal Government Work

Bids Desired

Me., Bangor—Pumping Plant, etc.—Nov. 2, by Treas. Dept. at office Supervising Archt., Wash., D. C., deep well pumping plant, etc. at U. S. Post Office, here; adv. E. N.-R. Oct. 14.

Mass., Northampton—Attendants Quarters, etc.—Nov. 6, by U. S. Veterans' Bureau, Room 791 Arlington Bldg., Wash., D. C., attendants quarters additions and completing continued treatment building 6, etc. F. T. Hines, dir.; adv. E. N.-R. Oct. 14.

D. C., Wash. — Powdered Arsenate of Lead—Oct. 15, at office Dept. Agriculture, 13th and B Sts. S. W., 45 tons powdered arsenate of lead.

D. C., Wash. — Steel Channels, Sewer Pipe, etc.—Oct. 16, at office A. L. Flint, genl. purch. officer Panama Canal, steel channels, sewer pipe, tubes, pneumatic hoists, etc.

N. C., Cape Fear (mail Lillington)—Wharf, etc.—Oct. 25, at office of Supervising Archt., Treas. Dept., Wash., D. C., reconstructing wharf, gangways, etc. at U. S. Quarantine Station, here. J. A. Wetmore, acting superv. archt.

La., New Orleans—Remodeling, etc.—Oct. 22, at office of Supervising Archt., Treas. Dept., Wash., D. C., remodeling, painting, etc. U. S. Mint Building, here. J. A. Wetmore, acting superv. archt.

Colorado—Road—Oct. 20, by J. W. Johnson, dist. engr., 301 Custom Bldg., Denver, improving 5.83 mi. Tennessee Pass Surfacing Section Natl. Forest Road Project, Lake and Eagle Counties.

Bids Received

S. C., Charleston — Breakwater — Treas. Dept., at office Supervising Archt., Wash., D. C., Oct. 1, new breakwater at Quarantine Station, here, from Charleston Eng. & Constr. Co., 38 Broad St., $9,922. Noted Sept. 23.

O., Zanesville—Remodeling—Treas. Dept. at office Supervising Archt., Wash., D. C., Oct. 4, remodeling U. S. Post Office, here, from C. Weitz Sons, 713 Mulberry St., Des Moines, Ia., $18,645. Noted Sept. 23.

Contracts Awarded

Mass., Rutland Heights—Roads—U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., road work at U. S. Veterans' Hospital, here, to P. J. Keating, Fitchburg, $11,971. Noted Sept. 23.

Md., Baltimore—Fire Protection System—Treas. Dept. at office Supervising Archt., Wash., D. C., fire protection system at U. S. Quarantine Station, here, to Pittsburgh-Des Moines Steel Co., Curry Bldg., Pittsburgh, Pa., $14,870. Noted Sept. 23.

Va., Quantico—Dredging—Spec. 5273—Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging at marine barracks, here, to Norfolk Dredging Co., Norfolk, $18,500 (90 days). Noted Oct. 7.

N. C., Durham — Remodeling — Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here, to Agostini Bros., Arcade Bldg., Norfolk, Va., $15,648. Noted Sept. 30.

Ill., Freeport—Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here, to W. D. Lovell, 1415 Southeast 8th St., Minneapolis, Minn. $14,743. Noted Sept. 30.

Ia., Des Moines — Remodeling — Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office and Court House, here, to King Lumber Co., Charlottsville, Va., $4,417. Noted Sept 30.

Ia., Marshalltown — Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here, to W. D. Lovell, 1415 Southeast 8th St., Minneapolis, Minn., $19,957. Noted Aug. 19.

Unclassified

Proposed Work

Grade Separation—Greensboro, N. C.—City and Southern Ry. Co., B. Herman, ch. engr., 1300 Penn Ave., Wash., D. C., plan constructing grade separations, Summit Ave., Aycock, Spring, Cedar, Ashe, Lindsay, East Washington, Deans Alley, and 16th Sts. $1,000,000. Fellheimer & Wagner, 155 East 42nd St., New York City, engrs.

Transmission Line — Texas — Central Power & Light Co., c/o Frost Natl. Bank Bldg., San Antonio, making surveys power transmission line from Childress to Clarendon. $100,000. Private plans.

Tank—Amarillo, Tex.—Dixon Creek Oil Co. making plans 1,000,000 bbl. earthen tank. $150,000. Private plans.

Park Improvements — Beaumont, Tex. — Election Oct. 16. $100,000 bonds, park improvements. R. C. Black, Beaumont, engr.

Gas Lines—Beaumont, Tex.—Southwestern Gas & Electric Co., soon lets contract extending gas lines, etc. in various streets. $75,000. Private plans.

Transmission Line, etc. — Oklahoma — Southwestern Light & Power Co., 40 Exchange Pl., New York City, plans 5 mi. transmission line, 20,000 kw. sub-station and increasing switchboard from 2,000 to 20,000 kw. capacity, at Lawton; and 10,000 kw. capacity sub-station at Elk City, here. $400,000. Private plans.

Pier — San Francisco, Calif. — State Bd. Harbor Comrs., rejected bids Sept. 23, Pier 45 and adjacent bulkhead wharf. The Embarcadero between Taylor and Jones Sts. Will readvertise. F. G. White, Ferry Bldg., engr. Noted Oct. 7.

Bids Desired

Transmission Line—Providence, R. I.—City, Water Bd., City Hall, taking bids 22,000 volt transmission line from Hope Hill Pond to Scituate Dam. Private plans.

Transmission Line — Louisiana — See "Contracts Awarded."

Swimming Pool — Columbus, O. — See "Buildings—Commercial."

Culverts—Greenfield, Ia.—Oct. 19, at office Auditor Adair Co., 18 culverts and extensions on Primary Bridge Project 226. C. H. Lehmkuhl, Greenfield, co. engr.

Lighting System—Point Grey, B. C.—See "Contracts Awarded."

Bids Received

Tender Boats—Albany, N. Y.—T. F. Farrell, comr. Canals & Waterways, Dept. Pub. Wks., six 26 ft. buoy tender boats delivered at Erie Canal Lock 3, from Richardson Boat Co., North Tonawanda, $7,200. Noted Sept. 30.

Contracts Awarded

Comfort Station—Pittsfield, Mass.—City, Mayors Office, 2 story, brick and stone, Allen St., to D. H. Pike, 30 Eagle St. Archts. est. $25,000. Noted Sept. 16.

Platform Extensions — New York — Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., platform extensions to stations elevated portions of Bway.-4th Ave. Rapid Transit R.R. in Brooklyn and Queens Boros, to Edwards & Flood, Inc., 186 Joralemon St., Brooklyn, $100,374. Noted Sept. 30.

Fire Alarm System—Brooklyn, N. Y.—J. J. Dorman, fire comr., Municipal Bldg., portion underground fire alarm system in Brooklyn Boro, Item 1, to J. H. Gearhart, 50 Church St., New York City, $7,860; and Item 2, to J. Sugden Co., 67 West 44th St., New York City, $30,365. Noted Oct. 7.

Tracks—Long Island City, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, installing tracks Flushing River Bridge and its approaches for portion Flushing extension of Queensboro Subway, here, to A. A. Johnson Corp., West Ave., Long Island City. $44,183. Noted Sept. 30.

Conduit—Yonkers, N. Y.—See "Streets and Roads."

Transmission Line — Louisiana — Louisiana Electric Co., Inc., Lake Charles, will build approximately 12 mi. 33,000 volt transmission line between Lake Charles and Lake Arthur, with own forces. Stone & Webster, 147 Milk St., Boston, Mass., engrs.

Cement Plant—Cleveland, O.—Universal Portland Cement Co., 210 South LaSalle St., Chicago, Ill., purchased site and will build cement plant, 1,500,000 bbl. capacity annually, on Cuyahoga River, here.

Ferry Boat — San Francisco, Calif. — Southern Pacific R.R. Co., 65 market St., 256 ft. auto ferry boat, 66 ft. wide, 95 car capacity, Diesel engine equipped (engines to be Melseco type), to Bethlehem Shipbuilding Co.; 215 Market St., approximately $525,000.

Lighting System — Point Grey, B. C. — Municipality will build lighting system on various streets, incl. 70,000 ft. cable, 232 ornamental concrete standards, etc., by day labor. $69,225. J. W. Southern, 5851 West Blvd., Vancouver, engr. Noted Sept. 23.

Materials

Bids Desired

Cement, etc.—New York, N. Y.—Oct. 19, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., 3,000 bags portland cement, 3,000 cu.yd. coal clean steam boiler ashes, street signs, and 1,000 cu.yd. binder stone.

Cement, etc.—St. George, N. Y.—Oct. 20, by J. J. Lynch, pres. Richmond Boro, Boro Hall, portland cement, paving sand, stone and lumber.

Concrete—St. George, N. Y.—Oct. 21, by J. J. Lynch, pres. Richmond Boro, Boro Hall, 600 tons bituminous concrete.

See proposal advertising on page 140

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